

# **TOWER HOBBIES®**

THE WORLD'S PREMIER SUPPLIER OF THE FINEST IN RADIO CONTROL MODELS™

**2010**

**\$3.00**



order only **800-637-4989**  
order assistance **800-637-6050**  
**www.towerhobbies.com**

# TOWER



**Clint Atkins**  
Chairman

**Kevin Hisel**  
Vice President

**Bruce Holecek**  
Founder and  
Chief Executive Officer

**Jeri Holecek**  
Chief Operating  
Officer

## Thirty-nine years ago...

Tower Hobbies® was founded by Bruce Holecek. It all began with Bruce's love of radio-control, \$800.00 in personal savings and a dream. His dream was to create the largest, finest supplier of radio-controlled models in the world. That dream has come true beyond his wildest expectations.

Through it all, we've continued to follow the same simple game plan: to offer the finest products available at the lowest prices and always to provide the best service. It's not only a plan...it's a promise. It's a promise that's honored by each and every dedicated employee at Tower Hobbies. Together we're Team Tower, and our personal and professional commitment to excellence is your guarantee of total satisfaction and outstanding value.

And today, that commitment is stronger than ever, because Tower Hobbies is a 100% employee-owned enterprise. That means that every Tower Hobbies employee has a very personal investment in the success of the company. It makes 100% customer satisfaction a personal goal.

This is our 39th annual Tower Hobbies catalog. Like every previous issue, it's packed with the best that R/C has to offer. Advances in construction materials, battery chemistries and motor technology are taking electric-powered aircraft to unbelievable new levels of performance — if you're a pilot, you'll definitely want to check out our large selection of electric aircraft and accessories, especially those from Great Planes® ElectriFly™!

You'll also find such favorites as the Great Planes® RealFlight® G4.5™ R/C Flight Simulator (pages 4 and 5) and Futaba® 2.4GHz radio systems (pages 169-176). There are over 6,000 choices in all — and we guarantee your satisfaction with every one.

Welcome to the wide world of R/C and to the company created to help you enjoy all the fun it offers: Tower Hobbies!

*Sincerely yours,*

*Bruce  
Clint Jeri Kevin*

**P.S.** Visit [www.towerhobbies.com](http://www.towerhobbies.com) — and your choices expand to all 60,000 items we have in stock. Shop there, and you'll discover why Tower Hobbies has won Bizrate.com's prestigious Platinum Award for customer satisfaction nine years in a row!

## IT'S EASY TO ORDER FROM TOWER HOBBIES®

We're as close as your phone, computer or corner mailbox! It's fun, easy and convenient to order from Tower Hobbies. We're ready to serve you!



### VIA THE INTERNET:

See our Internet World Wide Web site at: [www.towerhobbies.com](http://www.towerhobbies.com)



### TOLL FREE PHONE LINES

**800-637-4989 800-637-6050**  
See back cover for more information.



**TOLL FREE FAX • 800-637-7303**  
**NON-TOLL FREE FAX • 217-356-6608**

24 hours a day. 365 days a year.



### BY MAIL

Use a Tower Hobbies order form or any sheet of paper.  
Tower Hobbies  
P.O. Box 9078  
Champaign, IL 61826-9078



**DISCOVER,  
MASTERCARD  
& VISA**



**PRE-PAYMENT  
WITH MAIL-IN  
ORDER**



**U.S. web  
customers  
only**



**U.S. web  
customers  
only**

**Tower Hobbies®**  
**guide to the best  
of the best in R/C!**



Tower Hobbies carries over 60,000 different products from over 400 manufacturers. The absolute best are chosen to spotlight in beautiful, full-color pages! Those items that especially stand out for their quality, price and performance receive our "Tower Hobbies #1 Choice" award—your guide to great value.

## Satisfaction Guaranteed!

If for any reason you are not satisfied with something you received from Tower Hobbies, you may return the merchandise (in new and unused condition) within 30 days for a refund or exchange. For complete details please see "Instructions for Returning Merchandise" on page 236.



# TOWER HOBBIES

## REALFLIGHT SIMULATOR 4



Flight expertise at your fingertips! Learn new skills from the experts, fly or compete on-line, customize aircraft and flying sites — all from the comfort of your chair!

## CARS & TRUCKS 96



Get behind the wheel the easy way — with an electric-, nitro- or gasoline-powered Prebuilt or RTR! The names you know and the brands you want are all inside. It's your choice!

## RADIOS 166

Enjoy a wide selection of radios and accessories from Tower Hobbies, Futaba®, Hitec® and more — for precision control of cars, planes, boats or helis!



## FLIGHT LINE & TRACK 209

Fuel it up, start it up. For all of the field equipment essentials that you need — and those important extra items that add up to a complete R/C experience, Tower Hobbies is your supplier.



## AIRPLANES 10



Enjoy unsurpassed selection and savings on glow, gas and electric aircraft from Tower Hobbies®, Top Flite®, Hobbico®, Great Planes®, ElectriFly® and more! Choose from easy trainers, true-scale warbirds, control-line classics, ducted fan jets, pylon racers, park flyers, freeflights, sailplanes and even helis!

## BOATS 143



Take to the water with the silence of wind power, the ease of electric or the raw, wailing of nitro- or gasoline power! Tower Hobbies and AquaCraft™ Models have ARR and RTR models ready and waiting to go!

## ENGINES 192

If it flies, floats or runs on land, Tower Hobbies carries a power plant that can make it move! You'll recognize names known world-wide for precision, power and quality — O.S.®, SuperTigre®, Tower Hobbies, Fuji-Irvmac™, GMS™, HPI®, Traxxas® and others — and realize tremendous savings that only Tower Hobbies purchasing power can offer!



## BUILDING EQUIPMENT 222



Whatever you're building, Tower Hobbies can help you do it faster, better, stronger — and for less! We're your complete, one-stop source for building supplies!

Can you guess the R/C products in the letters of the TOWER HOBBIES name across the top of these two pages? If so, you could win one of 25 prizes! See details on page 239.

## INDEX

- 2** Welcome to Radio Control
- 4** RealFlight Simulator
- 10** Airplanes — Glow/Gas
- 40** Airplanes — GP/EP
- 46** Airplanes — Electric
- 61** Free Flight
- 62** Sailplanes
- 64** Helicopters & Accessories
- 70** Airplane Accessories
- 79** Aircraft Electric Motors
- 82** Aircraft Electronic Speed Controls
- 86** Covering & Accessories
- 91** Props, Spinners & Accessories
- 96** Cars & Trucks
- 116** Car & Truck Accessories
- 124** Car & Truck Bodies
- 128** Car & Truck Tires & Wheels
- 134** Car & Truck Electric Motors
- 138** Car & Truck Electronic Speed Controls
- 143** Boats
- 150** Battery Packs & Accessories
- 159** Chargers
- 166** Radios
- 181** Radio Accessories
- 192** Engines
- 204** Engine Accessories
- 209** Flight Line & Track Equipment
- 218** Fuel & Accessories
- 222** Building Equipment & Tools
- 231** Paint & Accessories
- 234** Adhesives
- 235** Software, Books & Videos
- 236** Information & Policy
- 237** How-To Order Instructions/Order Form
- 238** Index



This graphic (✓) identifies Parts Express™-qualifying items in our parts lists. For orders that contain ONLY Parts Express™ items, you pay just \$4.99 standard shipping — \$5.00 less than usual! These savings come from using an economical yet reliable ship method which may take a little longer. Or, you can have your Parts Express™ order shipped by Priority Mail for just \$7.99\* (larger packages may ship by other carriers at the same cost). Please note that not all parts qualify for this reduced shipping offer.

\*Shipments outside the contiguous United States may be slightly higher.

# WELCOME to the EXCITING WORLD

Radio-Control (R/C) puts you in total control of a model that's just waiting for your command. You can be a pilot in your own Air Force, captain of your own thunderboat or the winning driver of a stock car, street racer or monster truck. Look through this catalog, and you'll find a wealth of hobby quality R/C models with sophisticated designs, advanced electronics and cutting-edge materials. And, whether you're looking for a little relaxation or an intense racing experience, there's an R/C land, sea or air model that's just right for you!

Some are clean, quiet **Electrics**, powered by a rechargeable battery pack, motor and speed control. Others are **Nitro** (or **Glow**) models, driven by engines that burn a special nitromethane-based glow fuel. There are even a few models powered by **Gasoline** engines.

And in addition to being able to choose a power source, you can also choose the level of convenience you'd prefer. A **Kit** is a model you build yourself. They're great for "do-it-yourself" types who enjoy working with their hands and like to know what "makes things tick." For those who prefer convenience to building, there are two choices. With a **Prebuilt**,

**ARR** (Almost Ready-to-Run) or **ARF** (Almost-Ready-to-Fly), most building is already done and only minor assembly remains. Many include a motor or engine or other "extra." Most boats and aircraft include finishing (painting or covering), while most vehicles require it. An **RTR** (Ready-to-Run) or **RTF** (Ready-to-Fly) offers even greater convenience, as well as more completeness: All are assembled and include a motor (or engine) and radio system. However, most also include numerous extras (including start-up DVDs) and virtually all arrive painted or finished as well. Price follows convenience and completeness: ARR and RTRs cost more, but provide you with a model that you can take out of the box and enjoy immediately!

And if you shop online, you can add to the advantages of an RTR or RTF by purchasing one of our **Ultimate Combos**. They're easy ways to get virtually all required items at a package price — and ideal whether you're buying your first R/C model or need the perfect gift!

You'll find them — plus requirements, replacement parts, hop-ups and accessories — throughout the Tower Hobbies Catalog and online at [www.towerhobbies.com](http://www.towerhobbies.com)!



Hobbico®  
NexSTAR® 46  
Select RTF

## R/C in the SKY!

The only thing as exciting as your first takeoff in a plane is thrill of hovering your heli for the first time. While glow power has been the traditional choice for planes and helis, huge advances in batteries and brushless motors have made EP (electric-powered) aircraft increasingly popular options.

And like vehicles, there are choices galore: micro helis and IMAA-legal aerobats, tiny park flyers and .90-size helis, easy electrics, glow favorites and gas giants, trainers, 3D stunts, exact-scale replicas and sport performers, legendary fighters, long-time civilian stars and more.

One of the very best trainers for new pilots is the **Hobbico® NexSTAR® 46 Select RTF**, which comes with a guarantee of flying success. You can learn to fly before you even reach the field with **Great Planes® RealFlight® G4.5 Flight Simulator** (pages 4-5), how to get started (on pages 6-9) and all about every airplane and heli we offer on pages 10-69.

Please note: we strongly recommend that you learn to fly with a qualified instructor. Please contact your local flying club. There are more than 2,000 R/C flying clubs all over the country that can help you find one. Or, contact the Academy of Model Aeronautics for the name and location of the club nearest you. You can reach them by mail at 5161 E. Memorial Drive, Muncie, IN 47302, on the web at [www.modelaircraft.org](http://www.modelaircraft.org) or by phone at 800-435-9262.



Tower Hobbies®  
TOWER Terror  
Nitro 4WD RTR

## R/C on WHEELS!

When you're getting started, it's best to "Keep it Simple" — and that's why many first-timers start with a car or truck. They're simpler to control; after all, you drive in two dimensions, but fly in three! Plus, R/C vehicles tend to be less complex overall than R/C aircraft.

But whether you run a basic truck or a high-performance machine, all drivers seem to enjoy one thing: racing! It can be as informal as a quick run between friends in the backyard or as organized as the IFMAR Worlds. Either way, it's always exciting.

And choices? There are **Off-Road** vehicles — stadium trucks, monster trucks, buggies and truggies (a truck-buggy hybrid) — that offer high ground clearance, long-travel suspensions and more power. **On-Road** vehicles — designed mostly for smoother, paved surfaces and more speed — with lower ground clearances and sleeker bodies. Other choices include drive (2WD vs. 4WD) and scale: everything from 1/24 and 1/18 scale minis to 1/8 and 1/5 scale giants, with 1/10 scale (the most popular choice) in the middle.

You can see them all — stock cars, big rigs, baja buggies and more on pages 98-115, including the 1/10 scale **TOWER Terror® RTR** (page 101).



AquaCraft®  
Models UL-1  
Superior® FE RTR

## R/C on the WATER!

You can make the water boil with the SuperTigre® .18 in the AquaCraft **Miss Vegas™ Deuce**, do it with the hard-charging brushless power of the **UL-1 Superior FE**, become one with the wind and waves with the 26" **Paradise™** sailboat — or astound the big boys with the 380-sized might of the 17.5"-long **Mini Thunder**. They're all fun, they're all RTRs...and they're only a small part of what Tower Hobbies can offer. Other options include a choice of detailed, display-quality scale kits that ranges from a 1/48 scale riverboat to swamp buggies and 1/8 scale versions of classic Chris-Craft® pleasure boats.

Turn to pages 143-149 for boats...and to [www.towerhobbies.com](http://www.towerhobbies.com) for details!



# of **RADIO CONTROL MODELING!**

**Let the experts at Tower Hobbies be your guide!**

## Ordering from Tower Hobbies is as easy as 1-2-3!



**Experience the Tower Hobbies difference the moment you pick up the phone or visit our web site!**

Tower Hobbies has been supplying the needs of R/C modelers for over 39 years. Our guarantee of satisfaction to you is backed by the finest products at the lowest prices from an extensive inventory of over 60,000 kits, parts and accessories. Hundreds of thousands of satisfied Tower Hobbies customers know that... "When you buy from Tower Hobbies, you buy with confidence!"



- 1 Find your favorite model** — among the hundreds shown in this catalog, in sales flyers and magazine ads or on our web site!
- 2 Call Toll-Free** — Ordering **1-800-637-4989**; Ordering Assistance **1-800-637-6050** FAX **1-800-637-7303**, or order online at **www.towerhobbies.com**.
- 3 Pick your payment option** — charge your order to your Discover®, Visa®, or MasterCard®, use Bill Me Later Service® or PayPal® (web site orders only). For complete ordering information see page 237.

### **EASY PAY ON REQUEST**

For details on our **EASY PAY** option see



**www.towerhobbies.com/help/easypay.html**

The Easy Pay Plan can only be applied to qualifying in-stock merchandise. Shipping, handling, taxes and other items ordered will be billed on your first payment. Only Discover®, Visa® and MasterCard® purchases are eligible for the Easy Pay Plan. The Easy Pay Plan is available only to U.S. Residents. We reserve the right to limit the number of open Easy Pay orders made by any customer.



### **TOWER TALK®**

Every other month, Tower Talk brings you a great selection of R/C aircraft, engines, field gear and more — over 2,000 products, many at special low sale prices.

### **SPEEDMART®**

Look for low discount prices on the latest cars and trucks, and the hottest performance parts for both five times a year!



## **Plus: The Tower Hobbies #1 Super Saver Club™**



For complete information on the Tower Hobbies #1 Super Saver Club, please turn to back cover.

- FREE standard shipping and handling on orders over \$150.
- Online access to the #1 Super Saver Club newsletter!
- Money-saving exclusive online Bonus Buys.
- Online Super Saver Coupons — A six-times-per-year bonus, with over 30 money-saving coupons.
- FREE 3-issue subscription to *Model Airplane News* or *R/C Car Action* or 2-issue subscription to *Backyard Flyer*.
- FREE extended (double) warranties on Tower Hobbies brand products purchased during the membership.
- Exclusive access to our web-based Scratch & Dent inventory!
- And much, much more!
- International memberships now available! (Benefits vary.)



**R/C Web Site: [www.EasyRC.com](http://www.EasyRC.com)**

Get started the right way, with [www.EasyRC.com](http://www.EasyRC.com)! Beginners will find comprehensive yet easy-to-understand introductions to the hobby, as well as guides that make it easy to choose a first model and get off to a great start!

### **Satisfaction Guaranteed**

If for any reason you are not satisfied with something you received from Tower Hobbies, you may return the merchandise (in new and unused condition) within 30 days for a full refund or exchange.

# REALFLIGHT



**More features,  
for RealFlight's  
finest "at the field"  
accuracy!**

# REALFLIGHT®

## R/C FLIGHT SIMULATOR

# G4.5™

Actual screen graphics shown



**REALPHYSICS  
3D**  
FLIGHT PERFORMANCE  
with 4D Physics Capabilities

RealFlight has been the world's best-selling R/C flight simulator since its debut in 1997. And it keeps getting better!

G4.5 adds subtle sound effects, like the whirr of servo motors... enhanced physics for authentic ground handling...and increased site detail, including true-to-life, changing shadows and reflections.

You're able to pilot an amazing variety of more than 70 different aircraft in over 25 spectacular flying sites — with every aircraft and every site open to customizing however you like. Expanded training tools, now with simplified menus and four physics sensitivity levels (Beginner, Intermediate, Advanced, Custom), make G4.5 a more valuable way than ever to improve your real control skills.

With RealFlight G4.5 — and the equally realistic, versatile InterLink® Elite controller — the possibilities are unlimited!

### Looks, feels and functions like a true R/C transmitter.

Modeled after Futaba's 6EX, the InterLink Elite includes preset, permanently stored digital trims for all aircraft. The QuickSelect — with an improved menu for easier option selection — makes it simple to change aircraft and flying sites right from the controller. An interface for using your actual transmitter as the controller is built-in. MultiMode™ lets you use the controller and the interface simultaneously!

**INTERLINK  
ELITE**  
CONTROLLER  
by Futaba



U.S. Patent #7010,628 U.S. Patent #6,842,804

### Depth of Field keeps the focus on your aircraft.

Staying focused on your aircraft is easy! Turned on, "DoF" keeps your model the visual focal point of your simulation — anything that falls outside of its immediate vicinity loses sharpness.



### Boost detail with Real Rendering™.

Real Rendering reveals such fine touches as aircraft panel lines while minimizing the demands on your computer's processor.



### Boost detail with Real Rendering™.

Real Rendering reveals such fine touches as aircraft panel lines while minimizing the demands on your computer's processor.



### Expanded Virtual Flight Instruction!

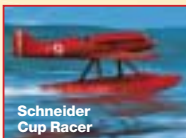
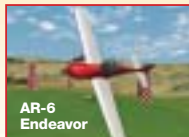
Study pre-recorded airplane and heli maneuvers aimed at fliers of all skill levels, from acclaimed pilots such as Frank Noll, Jason Shulman, Todd Bennett and Jason Noll. Picture-in-picture videos show proper stick movements.



### G4.5 continues all your favorite RealFlight features.

- Night flying!
- 4D flying with Variable Pitch props!
- Streamers!
- Responsive objects!
- Float flying on shifting, shimmering water!
- Over 5000 square miles of digitally created TruLife™ terrain
- RealPhysics 3D™
- TruFlo Wind Dynamics™
- Unparalleled collision detection
- FlexiField™ flying site editor
- AccuModel™ aircraft editor with ReadySelect™ preview box
- Virtual Flight Instruction (VFI)
- Counter-rotating heli rotors
- Multi-player — with faster connections and a real-time "voice chat" option!
- Split-screen flying with a friend
- Total compatibility with all six RealFlight Expansion Packs

### New aircraft — from float-equipped to Formula One!



### More flying sites — including 2 new PhotoField™ sites!



### System Requirements

#### Minimum Recommended System:

Some graphical features may be disabled. Aerodynamic calculations will still be high quality.

- Windows® XP, Vista™ or Windows® 7
- Intel® Pentium® 1.0GHz or equivalent
- 512 MB RAM
- 3 GB hard drive space
- 3D accelerated video with: 32 MB dedicated video memory Full DirectX 9 compliant (Pixel Shader 1.4 support)

#### Optimum System:

- For best graphical performance
- Dual core 2.4GHz CPU
- 2 GB RAM
- 3D accelerated video with: 256 MB dedicated video memory
- Pixel Shader 2.0 support

#### Multiplayer Requirements:

- 56.6 Kbps (or faster) modem or LAN connection

#### InterLink™ Elite Controller:

- USB Port
- Compatible FM or FM-selectable transmitter (if using the interface mode)

Note: The connectors on the InterLink Elite cord and included adapters make the InterLink Elite compatible with the trainer jack on most Futaba® and all JR®, Spektrum™, and Tower Hobbies® systems. Special adapters for use with most Airtronics®/Sanwa™ and Hitec® systems are available separately.

\*Local administration access required. Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

Stock #  
GPMZ4430  
GPMZ4431

#### Description

G4.5 InterLink Elite Mode 2 Standard USA ..... **3 PAY \$66.66**  
G4.5 InterLink Elite Mode 1 European ..... **3 PAY \$66.66**

**Tower**  
**\$199.98**  
**199.98**



Add an Expansion Pack to RealFlight G3™, G3.5™, G4™ or G4.5™ for a whole new universe of flying experiences.

Note: Expansion Packs 5 and 6 are designed exclusively for RealFlight G4 and higher.

## REALFLIGHT EXPANSION PACK 1™

**\$32.99**

GPMZ4111 ✓

**17 Aircraft — and  
1 flying lawnmower!**



Heli-Max™  
MX400 Heli

### 4 Flying Sites!

- PhotoField™ Indoor Basketball Gymnasium
- PhotoField Indoor Football Practice Field
- PhotoField USAF Museum Field
- 3D Obstacle Course

- Bergen Intrepid Gasser EB
- Bergen™ Intrepid™ 90
- BooRay Racer
- ElectriFly™ FlatOuts™
- Reflection™, Turmoil™, Flatana & Matt Chapman CAP 580 EP
- ElectriFly YAK 55 EP
- F5D Pylon Racer
- Flying Lawnmower
- Great Planes 1/3 Scale Matt Chapman CAP 580
- Great Planes U-Can-Do 3D™
- Grumman X-29
- Heli-Max MX400 EP
- Hotliner EP
- Miniature Aircraft™ Ion-X™
- Nieuport 28
- Pietenpol Air Camper

## REALFLIGHT EXPANSION PACK 2™

**18 Aircraft!**



Eclipse 3D

### 3 Flying Sites!

- PhotoField Great Planes E-Fest Indoor Arena
- 3D Obstacle Course 3
- 3D Aqueduct



**\$32.99**

GPMZ4112 ✓

- CarbonXtreme™ Avant Aurora™
- Eclipse 3D EP
- ElectriFly F6F Hellcat EP
- ElectriFly Fun Force™ P-51 Mustang EP
- ElectriFly Fun Force Zero EP
- ElectriFly Mini Delta EP
- F-22™ Raptor™
- Great Planes Curtiss P-6E Hawk
- Great Planes PT-17 Military Stearman
- Great Planes Venus™ II
- KETana
- Miniature Aircraft™ Fury™
- Miniature Aircraft Stratus™ 90
- Model Aero™ AeroCat™ E-Jet EP
- Pogo XFY-1
- Thunder Tiger Raptor 90SE
- Ultrafly Model™ Radix-3D™ EP
- Wolf Spyder™

## REALFLIGHT EXPANSION PACK 3™

**16 Aircraft!**

**\$32.99**

GPMZ4113 ✓



ElectriFly  
MiGLET

### 5 Flying Sites!

- PhotoField Nimabry Airport
- PhotoField Stone Creek
- 3D City Park
- 3D City Park-Nighttime
- 3D Obstacle Course 4

- Augusta A109
- Comanche
- ElectriFly Fokker D.VII EP
- ElectriFly MiGLET/XPD-8™ EP
- ElectriFly Reactor™ 3D EP
- ElectriFly Riot™ 3D EP
- ElectriFly SE-5a EP
- Great Planes Little Toni
- Griffin Combat VTOL
- Heli-Max Kinetic™ 50
- Heli-Max Kinetic 50 Trainer
- KE Flat Foamy EP
- Top Flite™ Cessna® 310
- Top Flite Beechcraft Staggerwing
- Top Flite Piper Arrow II
- TravelAir Mystery Ship

## REALFLIGHT EXPANSION PACK 4™

**\$32.99**

GPMZ4114 ✓

**16 Aircraft!**



B-25 Mitchell

### 4 Flying Sites!

- PhotoField Tarmac
- PhotoField College Park
- 3D Kemp RC Field
- 3D Obstacle Course 5

- B-25 Mitchell
- CH-46 Sea Knight Micro Heli
- deHavilland Mosquito
- ElectriFly Headwind™ "B" EP
- Goldberg Tiger™ 2
- Great Planes Revolver™
- Great Planes Spitfire .25
- Great Planes YAK 54
- Heli-Max MX450 XS EP
- Hobbico® Upstar™ EP
- Hughes H1 Racer
- MiG 15
- Python Biplane
- Robinson R22
- Stits Sky Baby
- Thunder Tiger Mini Titan

## REALFLIGHT EXPANSION PACK 5™

Designed exclusively for RealFlight G4 & G4.5!

**18 Aircraft — including a hydroplane!**

**\$32.99**

GPMZ4115 ✓



Republic RC-3  
SeaBee

### 3 Flying Sites!

- 3D Obstacle Course 6
- 3D Sub Base
- PhotoField Superstition Airpark

- AH-64 Apache Helicopter
- Align T-Rex 500 EP Helicopter
- Autogyro
- Death Foil
- deHavilland Beaver
- Dornier Do-24ATT
- Douglas A-4 Skyhawk
- ElectriFly E-Performance Series Reactor™ Bipe
- ElectriFly Pluma™ 3D Biplane
- Great Planes 25% Performance Series Sukhoi SU-31 GP/EP
- Great Planes 38% Extra 330S
- Great Planes P-40 Warhawk GP/EP
- Krill 39% Katana
- RealFlight Airliner
- Republic RC-3 SeaBee
- RF-97 Sailplane
- Synergy N9 Helicopter
- Top Flite P-51 Mustang .60

## REALFLIGHT EXPANSION PACK 6™

Designed exclusively for RealFlight G4 & G4.5!

Bonus free G4.5 upgrade for G4 owners — and all aircraft and flying sites from Add-Ons 1-5!

**18 Aircraft!**



ElectriFly Matt  
Chapman Eagle  
580

**\$32.99**

GPMZ4116 ✓

### 3 Flying Sites!

- PhotoField Jefferson Airstrip
- PhotoField Silverton Prairie
- 3D Water Park/Obstacle Course 7

- AirfoilZ Extra 260 Hybrid
- A-19 Buzzard
- Convair F2Y Sea Dart
- ElectriFly Matt Chapman Eagle 580
- ElectriFly Seawind EP Seaplane
- ElectriFly Sequence
- Great Planes Escapade
- Great Planes Reactor 3D
- Great Planes Zlin Akrobat
- Heli-Max Axe CX Micro
- Heli-Max Novus CP Nano
- Messerschmitt ME262
- Plantraco Butterfly Living Room Flyer
- Marston Pteroworks 52" Pterodactyl
- RiteWingRC Demon 40
- RJX Hobby Xtreme 90
- Skyartec Wasp 200XE V4
- Steamatic Aerostat

\*Please Note: Expansion Packs 1, 2, 3 and 4 are compatible only with G3, G3.5 and G4 software. Expansion Pack 5 and 6 are compatible only with G4 and G4.5 software. Helicopter simulations are compatible only with RealFlight Deluxe, G2, G3, G3.5, G4 and G4.5 software. Heli simulations are not available for use with RealFlight Classic. Expansion Packs are not compatible with NexSTAR version of RealFlight. All trademarks and registered trademarks are the property of their respective owners. Raptor 90 SE helicopter is reproduced with the authorization of Thunder Tiger Model Company, Taiwan. Mini IFO is reproduced with the authorization of Wild R/C, Inc. Intrepid™ helicopter design is reproduced with the permission of Bergen R/C. Fury, Stratus 90 and ION-X™ are reproduced with the permission of Miniature Aircraft. T-REX 500 reproduced with the authorization of Align Corporation, Ltd. N9 reproduced with the authorization of Synergy R/C. 39% Katana reproduced with the authorization of Krill Model. F-22 Raptor, Convair XFY-1 Pogo, associated emblems and logos, and body designs of vehicles are either registered trademarks or trademarks of Lockheed Martin Corporation in the USA and/or other jurisdictions, used under license by Hobbico Inc.

## “YOU CAN FLY AN R/C AIRPLANE!”

All pilots, whether they fly models or full-scale, share a deep appreciation for what an aircraft's design can do. The differences — aircraft size and the fact that R/C pilots stay on the ground — have little impact on how given designs perform. As a result, R/C modelers have been able to shrink and fly aircraft that range from the Wright Brothers' first plane to the magnificent Space Shuttle.

### HOW DO I GET STARTED?

**Check it out:** Know what you're getting into. Read this article and check out the helpful books, videos, and web sites available about airplane modeling.

Tower Hobbies' own [www.EasyRC.com](http://www.EasyRC.com) web site provides a comprehensive yet easy-to-understand introduction to the hobby. Specific product recommendations make it simple to choose the right model for a great start.



**Find an instructor:** With an instructor, you'll learn faster and with more confidence than if you start out solo. If your instructor's radio has a trainer system, you can buy a compatible radio, connect the two, and fly with less risk to your plane.

To find an instructor, talk to hobbyist friends. Check the phone book for flying clubs. Attend Fun Fly events (announced in newspapers and free circulars) and ask around. And consult the **Academy of Model Aeronautics (AMA)** by calling 1-800-435-9262, writing 5161 East Memorial Drive, Muncie, IN 47302, or visiting their web site at [www.modelaircraft.org](http://www.modelaircraft.org). Ask for the locations of clubs near you.

**Pick your power:** Traditionally, R/C planes have been powered by 2-stroke engines burning a methanol/nitro-methane/oil mixture called "glow fuel." But there are other power sources to consider: 4-stroke engines, gasoline engines, and clean, quiet electric motors. More on that in a moment!

### A FEW THINGS TO THINK ABOUT:

**How much does it cost?** You can spend as little as \$150 or as much as \$1000 assembling the basics. Average costs for a complete beginner's package, however, still run around \$350.

**How fast does a model go?** Trainers usually cruise at 25-30 mph and can land at speeds as slow as 12-15 mph. Some unmodified, off-the-shelf airplanes deliver speeds of up to 200 mph!

**How far can a model fly?** Though the range for a hobby radio system is

about one-half mile, you need to keep your model close enough to tell what it's doing. Even planes with 5-6 foot wingspans are difficult to pilot from a half-mile away.

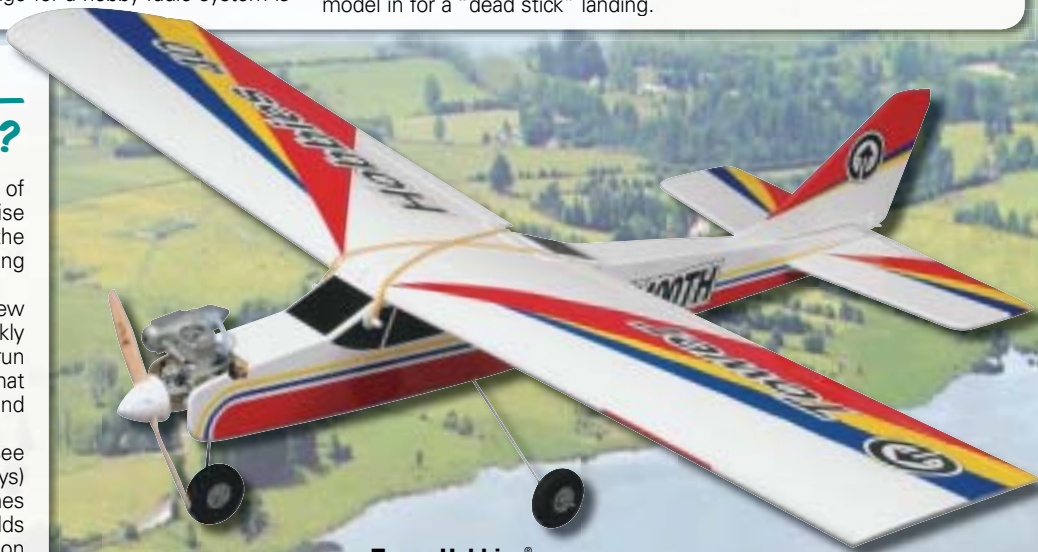
**What happens if my engine or motor stops running in flight?** Contrary to popular belief, you have control even if your engine or motor stops. In gas or glow planes, the radio system has its own batteries for power. Electric planes also reserve enough battery power to let you glide your model in for a "dead stick" landing.

### WHICH IS BETTER — GLOW OR ELECTRIC?

Flying models use many different types of propulsion...from "elastic motors" (otherwise known as twisted rubber bands!) to the rocket engines sometimes used for lifting gliders into the thermals.

For R/C purposes — and especially for new hobbyists — the best power options quickly narrow to two: small piston engines that run on glow fuel, and electric motor systems that include a motor, electronic speed control, and rechargeable battery.

The larger, heavier R/C planes like you see at R/C flying fields usually (though not always) use a glow engine. Smaller, lighter planes designed for flying at parks and ball fields generally use electric power. Both propulsion methods have their own strengths.



Tower Hobbies®  
TOWER Trainer 40 MkII ARF  
(see pages 10-11)

#### GLOW ENGINE ADVANTAGES:

- Flying times are longer — if fuel runs out, just fill the tank again.
- Glow engines produce a more realistic sound.
- Glow engines generally produce greater speed and torque.



#### ELECTRIC MOTOR SYSTEM ADVANTAGES:

- Electric motors run more quietly and are more environmentally friendly.
- Electric motors are concealed inside the plane for more realistic looks.
- An electric plane can be less expensive to make flight-ready and easier for novices to maintain and repair.





## THE ELECTRIC R/C AIRCRAFT OF TODAY.

In electric aircraft, the propellers are turned by a motor powered by a rechargeable battery pack. An electronic speed control (ESC) regulates the motor's output for throttle control. The motor, battery, and ESC are all installed on-board the model.



The first electric R/C models were equipped with brushed motors — in which brushes carry current and spin the rotor — and nickel-cadmium (NiCd) rechargeable battery packs. They provided flight times of around 5-10 minutes. A glow engine plane of similar weight and power, however, would allow nearly double that flight time when fully fueled.

Electric systems have now been developed that take advantage of brushless motor technology for much better results. In a brushless system the ESC energizes the motor's electro-magnetic field, and that causes the motor to turn. Compared to brushed motors, there's less friction, waste heat, and wear. Brushed motors are only about 35-40% power-efficient...brushless motors improve that to 80-90%!

And the recent improvements in motor technology are only part of the



**Hobbico® NexSTAR™  
Select Brushless EP  
Trainer RTF  
(see page 54)**

story behind electric models' surging popularity. Rechargeable battery technology has made enormous forward leaps, too.

First, the higher-capacity nickel-metal hydride (NiMH) battery chemistry appeared as an alternative to NiCds. Flight times improved. NiMH performance was soon surpassed by lithium-polymer (LiPo) batteries. With LiPo batteries and brushless motors, electric flight times and power can approach — even exceed — that of glow engines!

## CHOOSING AN ELECTRIC MOTOR.

In this catalog you'll find electric options for everything from trainer planes to park flyers to scale giants. Today's brushless electric power systems even provide enough pinpoint control and instantaneous, all-out power for jaw-dropping 3D aerobatics!

Of course, the Tower Hobbies web site gives very thorough and specific completion item recommendations on every aircraft product page. That's an excellent resource for anyone new to R/C flying, period.

If you decide to select a motor on your own, you'll notice that the motor

requirement is indicated by a "kV" number, such as "800kV." That number indicates the power output, expressed as rpm per volt of input. Running an 800kV motor using 6V of input means that the motor will turn at 4800 rpm.

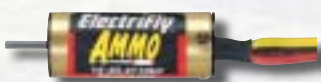
Brushless motors by ElectriFly include that kV number in their product names, preceded by two other numbers — for example, "42-50-800kV." The first is the motor's can diameter in millimeters; the second, its length in millimeters. Match the motor size that your model will accept with the power output required, and you've made an appropriate choice for your plane.

Depending on the airplane, you may be advised to buy an in-runner or an out-runner brushless motor. What's the difference?

### In-Runner Brushless Motors:

"In-runner" motors are the standard type in which the motor can be stationary and the shaft spins inside. The motor can be longer and thinner, allowing higher rpm and making them better for ducted fan planes, racing planes, and planes with thin noses. Some applications might require pairing the in-runner motor with a gear drive, which adds to the cost and installation effort.

**ElectriFly™ Ammo™ In-Runner**



**Out-Runner Brushless Motors:** As the name implies, "out-runners" work the opposite of in-runners — in this case, the shaft is fixed and the can spins around it. An immediate benefit of this style in R/C use is that they can turn larger, more efficient propellers without needing gearboxes. That makes them a simpler, lighter weight, less expensive power option suitable for all sizes and styles of aircraft.

**ElectriFly™  
RimFire™  
Out-Runner**



## THE REST OF THE ELECTRIC POWER SYSTEM.

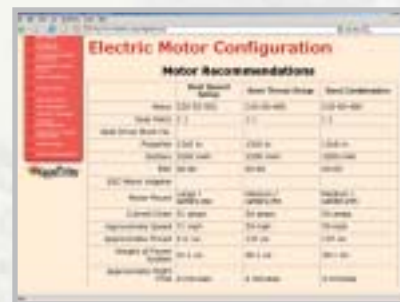
The motor is only one component of your electric power system. You'll need additional items, which will include at least some of the following:

- Rechargeable battery (NiMH or LiPo)
- Electronic speed control
- Motor mount
- Propeller
- Prop adapter
- Gearbox
- Connectors

On its web site ([www.electrifly.com](http://www.electrifly.com)), ElectriFly has created a "Brushless Electric Motor Configuration" program that — in 60 seconds — puts together the perfect system for you. You'll enter just five facts about your plane: your preferred motor type (in-runner or out-runner); the plane's weight; the largest propeller diameter you'll use; the plane type (trainer, sport, etc.); and your preferred battery voltage.

ElectriFly's web site also includes charts useful to modelers of all experience levels that provide proven brushless power set-ups for many popular glow and electric planes, as well as recommended items for converting planes to brushless motor power based on their glow engine or brushed motor size.

**The motor system  
configuration program found  
at [www.electrifly.com](http://www.electrifly.com).**



## “FLYING BASICS”

Following are some basic characteristics that apply to all R/C planes, regardless of how they're powered. Understanding these can also help you choose the right model for you.

**AERODYNAMICS** To fly, an airplane's wing has to overcome gravity by developing lift greater than the weight of the plane. Since it can't do that standing still, airplanes use thrust...force directed backwards...to drive the wing forward through the air and generate lift. However, thrust has its own opposition to overcome in the form of drag — the resistance of the air to a body moving through it. If lift and thrust are greater than gravity and drag, the potential for flight...and fun...is there.

**WING LOCATION** Wing placement, for the most part, falls into two main categories: high wing design and low wing design. In a high wing design, the weight of the model is suspended below the wing. When the model tilts, the model's weight tends to try to return the model to a level position. As a result, high-wing models tend to be more stable, easier to fly, and a natural choice for trainers. A low-wing model is just the opposite: with the weight above the wing, it tends to be less stable — excellent for advanced fliers who want to perform rolls, loops, and other aerobatic maneuvers.

**AIRFOIL** If you face the wing tip of the plane and cut it from front to back, the cross section exposed would be the wing's airfoil. There are three major categories of airfoil. The Flat-Bottom Airfoil will develop the most lift at low speeds and helps return the model to upright when tilted. This is ideal for trainers and first-time pilots. A Symmetrical Airfoil's top and bottom have the same shape, allowing it to produce lift equally when right-side up or upside down and transition between the two smoothly. This is recommended for advanced pilots. Lastly, a Semi-symmetrical Airfoil is a combination of the other two and favored by intermediate and sport pilots.

**WING AREA/WING LOADING** Wing area is the amount of wing surface available to create lift. Wing Loading is the weight that a given area of the wing has to lift and is usually measured in ounces per square foot. Generally a light wing loading is best for beginners; the plane will perform better and be easier to control.

**DIHEDRAL** Dihedral is the upward angle of the wings from the fuselage. Dihedral increases stability and decreases aerobatic ability.

**WING THICKNESS** Wing thickness — measured from top to bottom — determines how much drag is created. A thick wing creates more drag, causing slower speeds and gentler stalls and is ideal for beginners. A thin wing permits higher speeds and sudden stalls — desirable for racing and certain aerobatic maneuvers.

**LANDING GEAR LOCATION** Tricycle gear includes a nose gear and two wing (main) gears, making take-off and landings easier — ideal for beginners.

**SAVE BIG WITH COMBOS!** Tower Hobbies has been helping modelers save for almost 40 years — and one of our most powerful tools is the combo. Simply put, they offer you a group of products at a single price — a price below what it would cost to buy them singly. All combos offer savings, but our **Ultimate Combos** save you the most. They include a model, radio, motor or engine and more at the lowest possible price. The savings (and ease!) are unsurpassed. That's why they're called *Ultimate* combos. Available on most planes at [www.towerhobbies.com](http://www.towerhobbies.com).

## CHOOSING YOUR "FIRST" PLANE

### 1) TRAINERS: First steps in a flying future.

Hobbico®  
NexSTAR™ .46  
Select RTF  
See pages  
30-31



Simple, straightforward construction and design features result in a gentle, slow-flying craft. Offers plenty of reaction time and “elbow room” to learn from mistakes.

### 2) BIPES: A refreshing change of pace.

Great Planes®  
Super Skybolt™  
ARF  
See page 17



The lure of a biplane is something that most sport fliers experience at least once. And building an extra wing is a small price to pay for the pleasure of flying a small piece of aviation history.

### 3) INDESTRUCTIBLES: The “Iron Men” of Aviation.

ElectriFly® by  
Great Planes®  
YAK 55™ 3D  
FlightFlex™ EP  
ARF  
See page 53



Designed for durability over everything else, these planes — crashed into trees, cars, other planes and the ground — show a remarkable ability to survive and fly again.

### 4) WARBIIDS: Gunfighters of the flying field.

Top Flite® AT-6  
Texan 60 ARF  
See page 35



They were called by names such as “Black Widow,” “Whistling Death” and “Butcher Bird” — and each fought valiantly in the battle for air supremacy.



After reviewing the “Flying Basics”, you will probably have a good idea of the design characteristics you will want in your first plane and will certainly be more than ready to get started. Tower Hobbies offers many trainer models from various reputable manufacturers. Our own TOWER Trainer actually guarantees that you will learn to fly (see pages 10-11). After practicing the basics of flying and gaining some confidence “on the sticks,” you will want to explore the many other exciting styles of R/C aircraft. The following is a list of the major categories you will find in this catalog.

## 5> SPORT, FUN FLY & PROFILE:

Models that move.

Great Planes®  
Escapade  
Low Wing Sport  
GP/EP ARF  
See page 41



Eager for aerobatics? Choices include quick-building, low-cost profile planes; “anything goes” fun fly craft; and sleek, sensational sport models.

## 8> FLATOUTS:

Ready in 2-3 hours  
for 3D fun.

Great Planes®  
Extra 300S  
FlatOuts™ 3D EP  
ARF  
See page 52



The best of the “flat foamies,” FlatOuts minimize the time, effort, and money you invest before you fly...and put the focus firmly on aerobatic fun.

## 6> SCALE: Realistic looks AND performance.

Top Flite®  
P-51D  
Mustang Giant  
Gold Edition Kit  
See page 35



Scale modeling can be as simple as building a “stand-off scale” twin, or as time-intensive and rewarding as crafting a true, precision-scale classic.

## 9> ELECTRICS:

Clean, quiet  
& convenient.

FlyZone™ by  
Hobbico®  
Piper J3 Cub EP  
2.4GHz RTF  
See page 55



Pop in a charged battery pack and fly — electric power makes flight line preparation clean, quick and easy! Choose from models for all skill levels...including exciting aerobats and jets!

## 7> JETS: Life in the fast lane of flight!

Great Planes®  
L-39 EP Jet  
Rx-R  
See page 51



Definitely not for the first-time pilot, a jet is sure to be a never-to-be-forgotten experience for the seasoned thrill seeker.

## 10> UNIQUE: Airplanes that get attention!

Great Planes®  
SPAD XIII WWI  
Park Flyer EP ARF  
See page 49



From vintage-styled kits to profile planes and flying wings, R/C includes many eye-catching aircraft that are as “original” as they are fun to fly!

## KIT, ARF & RTF: WHAT'S THE DIFFERENCE?

You'll see these terms on all R/C aircraft in our catalog. They're your way to tell how much skill and time they require to complete and how much “bang” you get for the buck. They start with:

**1. KITS** Kits require you to do most or all of the building. You'll also need to buy and apply finishing materials — paint and covering — as well as a radio system, power system and support equipment.

**2. ARF (ALMOST READY-TO-FLY)** ARFs are largely prebuilt and completely finished, which leaves you with just a few hours of easy assembly to do. ARFs may also include a motor, prop, or other items, but for the most part, ARFs will require what kits do, except paint and covering.

**3. RTF (READY-TO-FLY)** RTFs offer ARF assembly ease plus “one-stop” shopping ease. RTFs always include a radio and engine (or motor) and both are always installed. Extras vary: some electric RTFs include everything except “AA” batteries — and Hobbico's NexSTAR RTF includes a special version of the Great Planes® RealFlight® simulator program.



Learn to fly—  
guaranteed!

# TOWER HOBBIES®

## The Best ARF and RTF Trainer



**Available in two sizes of MkII ARFs — or a .46-equipped RTF!**

### Smooth flight, realistic looks and high-quality, all-wood craftsmanship.

When we asked modelers to describe the PERFECT almost-ready-to-fly trainer, they said "It should look great...assemble easily...be very well made and very durable...and should be super-easy for beginners to fly and land." Those are the exact qualities you'll find in TOWER Trainers!

With their Cessna-like looks, TOWER Trainers don't resemble the typical beginner's aircraft. Superior materials make them stand out from other trainers as well. And their gentle flight characteristics will begin building your confidence from the very first time out.

### No time to build? No problem.

In just a few evenings — with no previous modeling experience — you can have the **TOWER Trainer™ 40 MkII ARF** flight-ready. When you open the box, you'll find the major assemblies (like the wing and fuselage) already built for you. Spinner, landing gear, wheels, fuel tank, metal universal engine mount, pushrods, hinges and wheel collars are all included — plus a thorough, photo-illustrated instruction manual that takes you through assembly step-by-step. Those same attributes also apply to the **TOWER Trainer 60 MkII ARF**. Its bigger dimensions make it easy to track in the sky — you'll easily see how it reacts to your controls — and its greater weight and increased wing area shrug off the effects of the wind for outstanding stability. Both of these ARFs require very little finishing; top-quality covering is already applied, so choosing and installing the engine is the biggest step. And if you'd like that to be already done for you as well, you'll want to get the **TOWER Trainer 40 MkII RTF**. In addition to the same high level of preassembly as the ARFs, this version includes a Tower Hobbies .46 ABC ball bearing engine — that's already installed! Getting started doesn't get any easier than that!

### Superior stability and strength.

Stable flight qualities are a must for any new pilot — and TOWER Trainers are as stable as they get. Large, flat-bottom wings keep them steady and sure in the air, compensating for those "new pilot jitters." Full-house, 4-channel control also makes it easy to move up to a "sport" plane once you're ready — without learning an entirely new set of skills.

We've made TOWER Trainers extra durable in those areas that bear the most stress — like the heavy-duty wing joiner and, in the .40-size models, a cast-metal engine mount. The tough, tricycle landing gear takes "bumpy landings" in stride and the large-diameter wheels provide excellent ground handling, even on grass.

### Your success is guaranteed by Tower Hobbies.

We're very confident that the TOWER Trainers are **the best** trainers available. That's why, when you train with the help of a qualified, club-designated instructor and fly at an AMA-chartered club field, we'll back your TOWER Trainer with this bold guarantee:

**You will successfully learn how to fly with a TOWER Trainer or we will replace it with your choice of another trainer of up to equal value.\***

Get the trainers that *guarantee* success. Order your TOWER Trainer today.

\*Offer valid when kit is returned to Tower Hobbies within 60 days of purchase. Owner of kit and club-designated instructor must sign statement attesting that all club-required safety and equipment guidelines were followed. Other restrictions may apply. Contact Tower Hobbies for more information.

Stock #	Description		Retail	Tower
TOWA21**	TOWER Trainer 40 MkII RTF 62".....	<b>3 PAY \$86.66</b>	\$449.99	<b>\$259.98</b>
TOWA1110	TOWER Trainer 40 MkII ARF .40-.46, 62".....		149.99	<b>79.99</b>
TOWA1130	TOWER Trainer 60 MkII ARF .46-.61, 69.5".....	<b>2 PAY \$59.99</b>	199.99	<b>119.98</b>



# TOWER® TRAINERS

**Values ever — Guaranteed!**



See back cover.

TOWER Trainer 40 MkII ARF & RTF

## TOWER TRAINER 40 MkII RTF

### Ready with what you need to fly NOW!

Flight-ready in as little as 20 minutes!  
Factory-built and expertly precovered, with:

**Factory-installed Tower Hobbies®  
.46 Ball Bearing ABC engine**

**Factory-installed Tower Hobbies  
4-TH radio system**



**Just want to fly?** Choose one of the  
brilliantly precovered, 90% prebuilt models!

### TOWER Trainer 40 MkII ARF

Wingspan: 62 in • Wing Area: 698 in<sup>2</sup> • Weight: 5 lb  
Requires: 2-stroke .40-.46 engine & 4-channel radio w/4 servos

### TOWER Trainer 40 MkII RTF

Wingspan: 62 in • Wing Area: 680 in<sup>2</sup> • Weight: 5.8 lb  
Requires: Fuel & field equipment

### TOWER Trainer 60 MkII ARF

Wingspan: 69.5 in • Wing Area: 877 in<sup>2</sup> • Weight: 7.5-8.5 lb  
Requires: 2-stroke .46-.61 engine & 4-channel radio w/4 servos

TOWER Trainer  
40 MkII ARF





## UPROAR™ 40 AEROBATS

**Over-the-top  
aerobatics on  
a budget!**

Tower Hobbies Uproar can deliver rocketing vertical climbs, loop and roll like there's no tomorrow — and do it all for less than you thought possible. A balsa and ply airframe provides the lightness required for whipcrack response and the strength to withstand extreme moves. That agility starts with a thick, virtually symmetrical airfoil that supports wild stunts upright or inverted, and controls speed build-up during dives. Control surfaces are more than twice normal size, to enhance response speed and authority. Each aileron is powered by its own servo, to ensure enough muscle for monster moves. And Uproars don't require high-dollar high-torque or digital servos; they deliver outrageous performance with economical standard servos. Choose from easy-building **Uproar 40 Kit**, or skip the major assembly and go with the **Uproar 40 ARF** — it can be flight-ready in just 8-10 hours!

Stock #	Description	Retail	Tower
TOWA2054	Uproar 40 ARF .40-.46,48" .....	\$149.99	<b>\$89.99</b>
TOWA2020	Uproar 40 Kit .32-.40,48" .....	99.99	<b>44.99</b>

• **Fast and agile, upright — or inverted!**

**Uproar 40 Kit & ARF**  
Wingspan: 48 in • Wing Area: 578 in<sup>2</sup>  
Weight: 3.5-4 lb • Length: 42 in  
**Kit & ARF both require:** 2-stroke .32-.40 or 4-stroke .40-.48 engine & 4-channel radio w/5 servos;  
**Kit also requires** 2+ rolls covering



**Our best  
hot-dogger's  
aerobats!**

## Fun 51 KIT

**Build & fly a hot dogger  
in less than a day!**

Designed to dazzle, this profile kit repays small investments in time and cash with generous amounts of aerobatic fun! Even when you add in covering time, the Fun 51 can be ready for action in as little as 24 hours. That's because the simple profile fuselage cuts workshop time to the bone, while still retaining a realistic aircraft outline. All-wood construction lowers weight and increases strength. Your engine mounts securely on supplied ply rails. The strong, D-tube wing and symmetrical airfoil add strength and performance. Twin aileron servos provide a tight, secure linkage, while the wing offers simple "between the ribs" servo installation. Tower Hobbies also provides prebent duraluminum landing gear, wire pushrods and basic hardware.

**Sturdy  
"profile" fuselage  
cuts costs and  
assembly time.**

Stock #	Description	Retail	Tower
TOWA5010	Fun 51 Kit .35-.50,44" .....	\$74.99	<b>\$49.99</b>

**Wingspan: 44 in • Wing Area: 630 in<sup>2</sup> • Weight: 3.5-4.0 lb • Fuselage Length: 34.5 in**  
**Requires:** 4-channel radio w/5 servos, 2-stroke .35-.50 or 4-stroke .40-.52 engine & 2+ rolls of TowerKote™ film





# KAOS ARF



**The perfect choice for precision aerobatics!**

If you've mastered basic trainers and are eager to sink your teeth into the sporty side of R/C flying, make the Tower Hobbies Kaos your next model! It tracks through maneuvers with magnificent precision — while its thick, fully symmetrical airfoil minimizes speed buildup during dives and helps keep your landings slow, smooth and stable.

In as little as 10-12 hours, you can have the Kaos 40 ARF ready for flight. The all-wood main sections arrive factory assembled and covered in a light, tough heat-shrink film. A generous package of high-quality hardware is also included for major convenience and reliable performance. In next to no time, you can have your Kaos .40 ARF at the field and ready for basic aerobatics.

**Wingspan: 55 in**  
**Wing Area: 566 in<sup>2</sup>**  
**Weight: 5.5-6 lb**  
**Wing Loading: 22-24 oz/ft<sup>2</sup>**  
**Requires: 2-stroke .40-.46 or 4-stroke .48-.52 engine and 4-channel radio w/4 servos**

The Tower Hobbies Kaos 40 ARF's all-wood, factory-assembled main sections arrive expertly covered in a colorful, red and white trim scheme.

Stock #	Description	Retail	Tower
TOWA2052	Kaos 40 ARF .40-.46,55" .. <b>2 PAY \$59.99</b>	\$159.99	<b>\$119.98</b>

# VOYAGER ARF



**Wingspan: 59.5 in • Wing Area: 602 in<sup>2</sup>**  
**Weight: 5.1 lb • Length: 46.8 in**  
**Requires: 2-stroke .40-.46 engine & 4-channel radio w/4 servos**

**The sure bet for "next step up" success!**

Ready to step up from your trainer? Tower Hobbies has two good reasons why *this* "second" plane is the one you should look at first.

**Reason #1:** The Voyager's flight characteristics are perfect for the past-trainer pilot. Its low wing design and semi-symmetrical airfoil put the world of aerobatics at your fingertips, without taking you out of your "comfort zone."

When you were learning, you knew you could fall back on your trainer's stability in an emergency. Tower Hobbies knows how important that support can be, and that's why the Voyager ARF offers the same confidence-building flight.

**Reason #2:** The Voyager's CAD-engineered, interlocking, all-wood parts are already assembled into sections, the sections are already covered and the fiberglass cowl is painted — so you can bypass building. A generous hardware package (including sturdy trike gear) minimizes the need to stop and shop for parts. And the Voyager's smooth lines make it much easier to look good at the field!

Stock #	Description	Retail	Tower
TOWA2048	Voyager 40 MkII ARF .40-.46,59.5" .. <b>2 PAY \$59.99</b>	\$169.99	<b>\$119.98</b>



**Aerobat 40**  
Wingspan: 44 in  
Wing Area: 420 in<sup>2</sup>  
Weight: 5.5 lb  
Length: 38.8 in  
Requires: 2-stroke  
.40-.46 engine,  
4-channel radio  
w/4 servos &  
1+ roll TowerKote  
or EconoKote  
film

**Trainer 40**  
Wingspan: 50 in • Wing Area: 500 in<sup>2</sup>  
Weight: 5.3 lb • Length: 44 in  
Requires: 2-stroke .40-.46 engine,  
4-channel radio w/4 servos & 1+ roll  
TowerKote™ or EconoKote™ film

**Giant Super Decathlon Kit**  
Wingspan: 89 in • Wing Area: 1237 in<sup>2</sup>  
Weight: 16-18 lb • Length: 69 in  
Requires: 2-stroke 1.08-1.8 or 4-stroke 1.20-1.60  
glow or 25-35 cc gasoline engine, 4-channel radio  
w/1 std and 5 high-torque servos & five 6' rolls  
Coverite™ 21st Century™ fabric

**Butterfly™ Kit**  
Wingspan: 99 in  
Wing Area: 916 in<sup>2</sup>  
Weight: 50 oz • Length: 48.5 in  
Requires: .10-.20 engine, 3-channel  
radio w/3 servos & 2+ rolls  
MonoKote film

**DURA PLANE™**  
KITS

**Affordable and  
super-tough...nearly  
indestructible!**

They cost little, build quickly, fly beautifully and survive dramatic crashes. No wonder so many pilots keep a DuraPlane close by! Basic piloting skills come faster when you're not afraid to fly your plane — that makes the stable, rugged **Trainer 40** ideal. It has a PVC fuselage, a flat bottom airfoil, aluminum spar-reinforced foam wings and duraluminum landing gear. Similar features are found on DuraPlane's **Aerobat 40** with ailerons and semi-symmetrical airfoil.

Stock #	Description	Retail	Tower
DURA1111	Trainer 40 Kit .40-.46,50".....	\$39.99	\$64.99
DURA1130	Aerobat 40 Kit .40-.46,44".....	109.99	69.99

**Dynaflite™** KITS

Build and fly a scale giant the "no sweat" way, with the 89" span **Giant Super Decathlon**. Its simplified structures go together using easily mastered sport building methods. A Clark-Y airfoil offers high lift at low speeds and smooth, stable landings. Convinced that "bigger flies better"? Look at the **Butterfly™**, which boasts shaped fuselage sides in addition to a 2-piece, 99" span wing.

Stock #	Description	Retail	Tower
DYFA1010	Butterfly Trainer Kit .10-.20,99".....	\$109.99	\$69.99
DYFA3035	Giant Super Decathlon Kit 1.08-1.8,89"...	279.99	169.99

**GREAT PLANES®**  
MODEL MANUFACTURING COMPANY

**PIPER J-3 CUB**

Piper J-3 Cub 40 Fabric ARF

Piper J-3 Cub 60 Kit

**The classic Cub —  
available in four styles!**

Pilot a sport-scale Cub ARF built exactly the way you'd do it yourself! The **Piper J-3 Cub Fabric ARF** is all-wood, impressively detailed, covered with 21st Century® fabric — and flight-ready in as little as 15-20 hours. Its special refinements include barndoor ailerons, with dual aileron servos; airfoil-shaped wing struts; prepainted fiberglass cowl; and precision-formed replica engine cylinder heads.

With the Cub kits' superior CAD engineering, you can succeed at "scale" if you've built and flown a trainer kit. All include semi-symmetrical airfoils; precisely die-cut, interlocking parts; and many "extras" for smooth building. The **Cub 20 Kit** has strip ailerons. Barndoor ailerons on the **Cub 40 Kit** and **Cub 60 Kit** take realism even higher!

**Fabric Covered  
Piper J-3 Cub 40 ARF**  
Wingspan: 81 in • Wing Area: 984 in<sup>2</sup>  
Weight: 8.5 lb • Length: 49 in  
Requires: 2-stroke .40-.46 or 4-stroke  
.52-.70 engine & 4-channel radio w/5  
servos

**Piper J-3 Cub 20 Kit**  
Wingspan: 61.2 in  
Wing Area: 525 in<sup>2</sup>  
Weight: 3.75-4.5 lb  
Length: 39.2 in  
Requires: 2-stroke .15-.25 or 4-stroke  
.20-.26 engine, 4-channel radio w/4  
servos & 2+ rolls MonoKote™ film

**Piper J-3 Cub 40 Kit**  
Wingspan: Standard Wing: 76.5 in  
Clipped Wing: 61.5 in  
Wing Area: Standard Wing: 820 in<sup>2</sup>  
Clipped Wing: 653 in<sup>2</sup>  
Weight: 6.5-7.5 lb • Length: 49 in  
Requires: 2-stroke .40-.61 or 4-stroke .48-.80  
engine, 4-channel radio w/4 servos & 2+ rolls  
MonoKote film

**Piper J-3 Cub 60 Kit**  
Wingspan: Standard Wing: 90 in  
Clipped Wing: 83 in  
Wing Area: Standard Wing: 1123 in<sup>2</sup>  
Clipped Wing: 1037 in<sup>2</sup> • Weight: 9.5-12 lb  
Length: 56.5 in  
Requires: 2-stroke .60-.90 or 4-stroke .70-.91  
engine, 4-channel radio w/5 servos & 3+ rolls  
MonoKote film

Stock #	Description	Retail	Tower
GPMA1311	Piper J-3 Cub 40 Fabric ARF .40-.46,81"..... <b>3 PAY \$76.66</b>	\$299.99	\$229.98
GPMA0158	Piper J-3 Cub 20 Kit .15-.25,61.2".....	159.99	99.99
GPMA0160	Piper J-3 Cub 40 Kit .40-.61,76.5".....	219.99	129.99
GPMA0162	Piper J-3 Cub 60 Kit .60-.90,90"..... <b>3 PAY \$66.66</b>	299.99	199.98





## BIG STIK™ ARFs

**A classic design, with today's best ARF construction.**

Large wing areas and light wing loadings let Big Stiks fly slow n' easy — virtually symmetrical airfoils offer room to cut loose with aerobatics. Interlocking, all-wood parts produce strong, straight structures. And since they're 90% prebuilt, the little assembly left is simple. All three sizes feature traditional "Maltese Cross" markings in MonoKote® covering, plus clear, photo-illustrated instructions and a generous package of high-quality hardware.

Big Stik advantages get especially big with the **Giant Big Stik ARF**. In addition to easy 10-15 hour assembly, it offers great sport aerobatic potential — and the giant-scale size makes your maneuvers easy to see and enjoy. The wing halves slide together on an aluminum joiner tube and the assembled wing secures to the fuselage with nylon bolts — easy to take apart for transport and reassemble quickly at the field. Whether you use gasoline or glow engine power, the Giant Big Stik can perform exciting sport maneuvers, including loops, rolls, spins, inverted flight, and stall turns. Add flaps and use your computer radio's mixing capabilities! Items may incur oversized shipping charge.



Stock #	Description	
GPMA1220	Big Stik 40 ARF MonoKote .40-.51,58.5".....	3 PAY \$49.99
GPMA1221	Big Stik 60 ARF MonoKote .60-.91,66.5".....	3 PAY \$59.99
GPMA1224	Giant Big Stik ARF 1.2-1.6,80.5".....	3 PAY \$93.33

Retail	Tower
\$179.99	\$149.97
249.99	179.97
399.99	279.99

### Big Stik 40

Wingspan: 58.5 in • Wing Area: 770 in<sup>2</sup> • Weight: 5.3 lb • Length: 51 in  
Requires: 2-stroke .40-.51 or 4-stroke .60-.80 engine & 4-5 channel radio w/5 servos

### Big Stik 60

Wingspan: 66.5 in • Wing Area: 1000 in<sup>2</sup> • Weight: 6.5 lb • Length: 59 in  
Requires: 2-stroke .60-.91 or 4-stroke .91-1.20 engine & 4-5 channel radio w/5 servos

### Giant Big Stik

Wingspan: 80.5 in • Wing Area: 1518 in<sup>2</sup> • Weight: 13.0-15.0 lb  
Wing Loading: 20-23 oz/ft<sup>2</sup> • Length: 54.5 in  
Requires: 2-stroke 1.20-1.60 or 4-stroke 1.20-1.80 glow or 25-35cc gas engine & 4-5 channel radio w/7-8 servos

## U-Can-Do 3D™ ARFs

**Incredible 3D fun — with almost no work or wait!**

If you're eager to try hovering, knife-edge, and other extreme 3D moves, U-Can-Do 3D ARFs speed you to the flight line in as little as 6-8 hours! Choose the **U-Can-Do 3D 46**, an easy fit into compact cars, or the larger **U-Can-Do 3D 60**, sized for stability in windy weather.

Major sections of their interlocking, all-wood airframes are built and covered in Top Flite MonoKote — ready for final assembly and installing the painted fiberglass cowl and wheel pants. Each features a bolt-on wing and stab. External servo mounts for all control surface servos shorten and simplify linkages as well as speed and strengthen response. Separate servos for each aileron and elevator half add incredible performance potential.

Minimize throws and engine displacement, and a U-Can-Do 3D is a plane even a low-time low-wing pilot can enjoy. But maximize throws and use higher displacements, and your model is a 3D monster!

### U-Can-Do 3D 46 ARF

Wingspan: 56.75 in • Wing Area: 904 in<sup>2</sup> • Weight: 5.0-5.6 lb  
Wing Loading: 12.7-14.3 oz/ft<sup>2</sup> • Length: 58.5 in  
Requires: 2-stroke .32-.51 or 4-stroke .52-.70 engine & 4-channel radio w/6 servos

### U-Can-Do 3D 60 ARF

Wingspan: 65 in • Wing Area: 1024 in<sup>2</sup> • Weight: 7-7.3 lb  
Wing Loading: 16-17 oz/ft<sup>2</sup> • Length: 68 in  
Requires: 2-stroke .61-.91 or 4-stroke .70-.91 engine & 4-channel radio w/1 HT and 5 std servos

Stock #	Description	
GPMA1269	U-Can-Do 3D 46 ARF .32-.51,56.75".....	3 PAY \$53.33
GPMA1270	U-Can-Do 3D 60 ARF .61-.91,65".....	3 PAY \$66.66

Retail	Tower
\$199.99	\$159.99
249.99	199.99





## PT-17 STEARMAN ARF

Expertly Covered with  
TOP FLITE  
**MONOKOTE**



Boeing Stearmans fill one of aviation history's most colorful chapters. After becoming the primary U.S. Army and Navy trainer of WWII, many enjoyed second careers in crop dusting. A few even became movie stars — battling King Kong at the top of the Empire State Building.

This equally memorable, quarter-scale PT-17 Stearman ARF makes an ideal first biplane model...one that goes together easily in only 12-15 hours. Built from high-quality balsa, ply and fiberglass, it arrives already covered in five colors of MonoKote® film — topped off with such realistic details as rivet decals, dual cockpits, and an easy-to-install replica radial engine.

Two ailerons — installed in the lower wing halves and operated by dual aileron servos — deliver the control precision and authority for loops, rolls, spins, stall turns, inverted flight and other crowd-pleasing scale aerobatics. A steerable tailwheel improves handling on the ground... and the scale-shaped main landing gear keeps authenticity intact.

Stock #	Description	Retail	Tower
GPMA1349	PT-17 Military Stearman ARF .91-1.20, 71.5" ... <b>3 PAY \$126.66</b>	\$499.99	\$379.98

**IMAA-LEGAL**  
71.5" wingspan

**Biplane action —  
with ARF ease!**

Top Wingspan: 71.5 in • Bottom Wingspan: 69 in  
Total Wing Area: 1466 in² • Weight: 14-15 lb  
Wing Loading: 22-24 oz/ft² • Length: 57 in  
Requires: 2-stroke or 4-stroke .91-1.20 engine & 4-channel radio w/5 servos

## 27% Ultimate! BIPLANE 3D ARF

1.60 GLOW / 43 cc GAS PERFORMANCE SERIES

Expertly Covered with  
TOP FLITE  
**MONOKOTE**

**The ultimate  
ARF for  
extreme  
aerobatics!**

**IMAA-LEGAL**  
65" wingspan



Here's a big, beautiful biplane that flies as good as it looks — and assembles in just 20 hours! The Ultimate Biplane ARF's MonoKote® covering and painted fiberglass parts provide good looks...a reinforced wood airframe with lightening holes adds the strength to withstand 3D maneuvering stress. Each of the four ailerons is powered by its own servo. To attach the wings, you simply insert the strut and turn its built-in thumbscrews. To set flying wire tension, you just thread it through the fitting and let set screws in the stabilizer hold it tight. Other features include light, strong airfoiled landing gear that resists spreading on touchdown, a complete hardware package, and an aluminum spinner for the crowning touch.

Stock #	Description	Retail	Tower
GPMA1307	Ultimate Biplane ARF 1.6-1.8, 65" ..... <b>3 PAY \$133.33</b>	\$549.99	\$399.99

Wingspan: 65 in  
Wing Area: 1446 in²  
Weight: 12.5 lb  
Wing Loading: 20 oz/in²  
Fuselage Length: 72 in  
Requires: 2-stroke 1.6-1.8 or 4-stroke 1.8-2.1 glow or 32-43cc gasoline engine & a 4-7 channel radio w/1 standard and 7-8 HT servos





# SUPER SKYBOLT<sup>ARF</sup>

**SPORT SCALE BIPE**

**It's  
show time  
in no time!**



Wingspan: 57 in  
Wing Area: 924 in<sup>2</sup>  
Weight: 7.7 lb  
Wing Loading: 19.2 oz/in<sup>2</sup>  
Length: 53 in  
Requires: 2-stroke .60-.75  
or 4-stroke .70-.91 engine &  
4-channel radio w/5 servos



Factory-applied MonoKote<sup>®</sup> film and painted fiberglass parts give the Super Skybolt ARF the easy glamour of an old-time aerobatic great. And since it arrives prebuilt with high quality hardware, you can be wow-ing the crowd in a matter of hours.

Nearly a pound lighter than the original kit, the Super Skybolt ARF flies like it assembles: FAST! After all, less mass to move means higher speeds and quicker response. It's a hit with a .60, a powerful performer with a 4-stroke .91 — and requires only standard servos to show you everything it has!

And what it has is a blend of true biplane appearance and superior single-wing performance, all in one easy-to-handle star. Pick a point in the sky, and the Super Skybolt ARF will hit it. Send it through a maneuver — and its long tail moment ensures on-rails tracking. Ask it for the moon — and it will make YOU the star.

Stock #	Description	Retail	Tower
GPMA1242	Super Skybolt Biplane ARF .60-.75, 57" .....	\$399.99	\$299.97

**3 PAY \$99.99**



**IMAA-LEGAL**  
71.5" wingspan

# Super Stearman<sup>ARF</sup>

**"Super"  
in every  
way!**



Wingspan (Top/Bottom):  
71.5 in/69 in • Wing Area: 1466 in<sup>2</sup>  
Weight: 14-15 lb • Wing Loading: 22-23.5 oz/ft<sup>2</sup>  
Fuselage Length: 56.8 in  
Requires: 2-stroke or 4-stroke .91-1.20 engine &  
4-channel radio w/5-7 servos

Ask almost any flying fan to imagine a "classic" biplane, and the picture in his mind will be a Super Stearman. The longtime favorite continues thrilling audiences at airshows with its aerobatic exploits — and Great Planes' IMAA-legal scale ARF version is well on its way to creating a legend of its own.

The attention to detail is extraordinary, and the flight characteristics parallel the full-size plane. All main sections feature built-up balsa and plywood construction, precovered in MonoKote<sup>®</sup> film, and accented by a factory-painted fiberglass cowl, wheel pants and landing gear fairings that enhance the scale profile without extra work.

Other scale touches include a dummy radial engine, polished aluminum spinner, and a pair of painted scale pilot figures for the dual cockpits. A plywood ring glued inside the cowl strengthens the nose assembly and eliminates visible screw heads. Four ailerons help give this Stearman "super" agility, especially when each is powered by its own servo. A steerable tailwheel aids in ground handling.

Stock #	Description	Retail	Tower
GPMA1350	Super Stearman 1.20 Biplane ARF .91-1.20, 71.5" .....	\$499.99	\$379.98

**3 PAY \$126.66**





Now the classic Seawind homebuilt amphibian is available as an ARF — that you can have ready for its first runway or off-the-water takeoff in as little as 15-18 hours! The fuselage and wing tips are gel-coated fiberglass...the built-up wing and tail section, balsa covered in glowing MonoKote®. For easy field assembly, the wing plugs into an aluminum joiner and secures with nylon bolts — an auto-bailer in the bottom prevents water from pooling in the radio compartment.

The wingtips not only add in-flight stability, they also double as floats, supporting the model while on the water. The Seawind accelerates quickly onto the step for successful water takeoffs; a water rudder improves handling while taxiing. Boom mounting distances the engine from water spray, and since no bulky additional floats are needed, the Seawind flies faster than typical seaplanes.

The Great Planes Seawind ARF also comes with an aluminum spinner, fixed landing gear, and a foam maintenance stand.

**A beauty  
in the air and  
on the water!**

**Wingspan: 71 in**  
**Wing Area: 676 in<sup>2</sup>**  
**Weight: 10.25-12.25 lb**  
**Wing Loading: 35-41 oz/ft<sup>2</sup>**  
**Length: 56 in**  
**Requires: 2-stroke .60 or 4-stroke .70-.91 engine & 5-7 channel radio w/7-9 servos**

The Seawind name is used with permission of Seawind Inc.

Stock #	Description	Retail	Tower
GPMA1360	Seawind Amphibian ARF .60,71" ... <b>3 PAY \$109.99</b>	\$499.99	\$329.97

**Out-of-  
this-world  
aerobatics!**



**Venus II<sup>TM</sup> ARF**

The appearance will draw looks, but it's the *performance* of the Venus II ARF that will hold everyone's attention. With an experienced low-wing pilot at the sticks, its double-tapered, symmetrical wing and dual ailerons will deliver awe-inspiring aerobatics. Handling is solid, tracking is perfect and maneuvers come off with a crisp, F3A-level precision. Thanks to the prebuilt, precovered (in MonoKote® film) airframe — and fiberglass wheel pants and cowl painted to match — you can be at the field, earning admiring looks in just 10-12 hours.

**Wingspan: 66 in**  
**Wing Area: 866 in<sup>2</sup>**  
**Weight: 8.5-9.5 lb**  
**Wing Loading: 23-26 oz/ft<sup>2</sup>**  
**Length: 69.5 in**  
**Requires: 2-stroke .61-.91 or 4-stroke .91-1.20 engine & 4-channel radio w/5-6 servos**

Stock #	Description	Retail	Tower
GPMA1027	Venus II ARF .61-.91,66" ..... <b>3 PAY \$96.66</b>	\$379.99	\$289.98





Giant Super Sportster



**90%  
preassembled —  
100% fun!**

## Super Sportster™ ARFS

Classic looks and smooth flight habits have made Super Sportsters a favorite for low-wing training AND serious sport flying. Both the **40 MkII** and **Giant Super Sportster** arrive 90% factory-built, with all-wood airframes, MonoKote® covering, painted fiberglass parts, and generous hardware packages to speed final assembly.

Symmetrical airfoils penetrate the wind easily and offer reassuring low-speed stability. But move the center of gravity forward on the 40 MkII and increase the throttle, and you've got a model ready for almost any aerobatic maneuver. The Giant Super Sportster offers even greater durability, visibility, and wind stability. You'll enjoy excellent flight with either a 2-stroke or 4-stroke glow engine or an efficient gasoline power plant.

Stock #	Description	Retail	Tower
GPMA1042	Super Sportster 40 MkII ARF .40-.46, 55.5" ... <b>3 PAY \$53.33</b>	\$199.99	<b>\$159.99</b>
GPMA1044	Giant Super Sportster ARF 1.2-2.82" ..... <b>3 PAY \$106.66</b>	449.99	<b>\$319.98</b>



Super Sportster 40 MkII



**Super Sportster 40 MkII**  
Wingspan: 55.5 in • Wing Area: 555 in² • Weight: 4.8-5.0 lb • Length: 46 in  
Requires: 2-stroke .40-.46 or 4-stroke .52 engine & 4-channel radio w/4 servos

**Giant Super Sportster**  
Wingspan: 82 in • Wing Area: 1293 in² • Weight: 13-14.5 lb • Length: 72 in  
Requires: 2-stroke 1.60-2.0 or 4-stroke 1.20-2.0 glow or 32 cc gasoline engine & 4-5 channel radio w/6-7 servos

**Execute  
any 3D maneuver  
to perfection!**



**IMAA-LEGAL**  
81" wingspan

## 25% YAK 54 3D ARF

1.60 GLOW / 43 cc GAS **PERFORMANCE SERIES**

A favorite among 3D pilots, the YAK 54 is designed for totally "out there" aerobatics — and this 25% ARF model captures every nuance of the full-size Unlimited Class competitor! Assembling the factory-built components takes as little as 20-25 hours, and the complete package of well-made hardware adds convenience and keeps your plane performing like a champion. The wing panels slide onto an aluminum joiner tube for easy transportation and attachment at the flying field. The tail gangs two rudder servos in a pull/pull setup that increases control precision; that's just one of numerous performance features that allow you to nail extreme maneuvers with ease and attitude!

Stock #	Description	Retail	Tower
GPMA1411	Giant 25% YAK 54 Sport 3D ARF 1.6-1.8, 81" ... <b>3 PAY \$133.33</b>	\$599.99	<b>\$399.99</b>

Wingspan: 81 in • Wing Area: 1138 in² • Weight: 12.5-15.3 lb  
Wing Loading: 25-30 oz/ft² • Length: 68 in  
Requires: 2-stroke 1.6-1.8 or 4-stroke 1.8-2.1 glow or 32-43cc gasoline engine & 6-channel radio w/1 standard and 6 high-torque, metal-gear servos





## Gee Bee SPORT FLYER

People may be willing to believe that it will fly, and fly well. But believing it took just 10-12 hours to assemble? That's gonna be tough. To do it, you'll have to show them the true-profile, one-piece fiberglass fuselage, the prebuilt wings covered in MonoKote® and the cowl, wheel pants and rudder that arrive painted and color matched to the MonoKote®. They'll know how much work that saves. And be sure to point out the replica radial engine you don't have to build and the hardware you don't have to install. That'll impress 'em, too...but not as much as it will when you take off. Despite the outlandish looks, the Gee Bee ARF is a predictable "fly," with near ¼ scale dimensions for eye-commanding presence and wing-mounted dual aileron servos for extra zip. Get one today...and be the center of attention tomorrow.

**Outrageous  
looks, ARF ease  
and outstanding  
performance!**



**Wingspan: 68 in • Wing Area: 743 in² • Weight: 11.25 – 12.25 lb**  
**Wing Loading: 35 – 38 oz/ft² • Length: 45 in**  
**Requires: 2-stroke .91-1.08 or 4-stroke 1.20 engine & 4-channel radio w/6 servos**

**Stock #**  
GPMA1326

**Description**

Gee Bee Sport Flyer ARF .91-1.08, 68" ..... **3 PAY \$106.66**

**Retail**  
\$399.99

**Tower**  
\$319.98



## 27% CAP 232 3D ARF 1.60 GLOW / 43 cc GAS PERFORMANCE SERIES

**IMAA-LEGAL**  
79" wingspan



**A model  
with ALL the  
right moves!**

**Wingspan: 79 in • Wing Area: 1168 in² • Weight RTF: 12.5-14 lb**  
**Wing Loading: 25-27 oz/ft² • Length: 77 in**  
**Requires: 2-stroke 1.6-1.8 or 4-stroke 1.8-2.1 glow or 32-43cc**  
**gasoline engine & 6-channel radio w/1 standard and 6 high-torque,**  
**metal-gear servos**

**P**ower. Precision. Polish. Just like the full-size World Aerobatic Competition winner, the 27% CAP 232 ARF has them all — and they're at your command after only 20-24 hours of easy final assembly. Short, direct control linkages and oversized control surfaces allow the CAP 232 ARF to excel at aggressive, IMAC contest-worthy aerobatics as well as traditional sport flying. The one-piece wing bolts directly onto the fuselage, minimizing weight and eliminating the need for a joiner tube. Fiberglass composite landing gear complements the model's scale looks and provides the strength needed for confident touchdowns, and the hardware package is complete and top-notch.

**Stock #**  
GPMA1410

**Description**

27% Cap 232 Sport 3D ARF 1.6-1.8, 79" .... **3 PAY \$116.66**

**Retail**  
\$499.99

**Tower**  
\$349.98



# VIPER 500<sup>TM</sup> ARFS

With a 2-stroke .25 engine, 4-channel radio and separated elevator/rudder control, the **Viper 500 ARF** is a fun sport plane. Use a larger engine and a 6-channel radio with V-tail mixing, and it's an ultra-competitive "club racer" that's AMA-legal for Quickie 500 in 424 and 428 classes!

Assembly takes only 6-8 hours. The carbon fiber reinforced, wood/foam wing features balsa sheeting applied with epoxy for security and stiffness, plus a center section wrapped in a double layer of fiberglass cloth — and it's all factory-covered in Top Flite<sup>®</sup> MonoKote<sup>®</sup> film. The bolt-on tail provides accurate alignment with almost no effort.

You can avoid long workshop hours and still enjoy unique looks by giving the ready-to-cover **Viper 500 RTC** a trim scheme of your own design — then cut loose with all the performance advantages of the ARF!

**Wingspan: 52 in • Wing Area: 504 in<sup>2</sup> • Weight: 3-3.4 lb**  
**Wing Loading: 14-15 oz/ft<sup>2</sup> • Length: 41.3 in**  
**Requires: 2-stroke .25-.46 engine & 4-6 channel radio w/4 servos**

Stock #	Description		Retail	Tower
GPMA1265	Viper 500 ARF White .25-.46 52" .....	3 PAY \$43.33	\$169.99	\$129.99
GPMA1266	Viper 500 ARF Red .25-.46 52" .....	3 PAY \$43.33	169.99	129.99
GPMA1267	Viper 500 RTC .25-.46 52" .....	2 PAY \$59.99	149.99	119.98



**Fast sport fun  
— or make Quickie  
500 competitors  
eat smoke!**

# Cessna 182<sup>TM</sup> SKYLANE<sup>TM</sup> ARF

WITH ALL WOOD CONSTRUCTION

**Superbly  
detailed...  
and flight-ready  
in just  
15-20 hours!**

Build aerobatic skills instead of a kit, with the Cessna 182 Skylane! If you've already owned and assembled an ARF trainer, you'll appreciate how this plane's assembly ease goes hand in hand with a wealth of scale detail. The big jobs of building and covering the all-wood airframe in MonoKote<sup>®</sup> have already been done. The same is true of most shaping work. The cowl, tail cone, wheel pants and replica Hoerner-style wingtips are molded fiberglass, and the landing gear is light, strong aluminum. Plus, they're all painted — just like the aerodynamic, airfoil-shaped wing struts and the "boots" that provide a smooth fairing at the fuselage and wing. It looks like a plane a master builder might have labored on for months — yet you can be taxiing to the line in just a few days.

In the air, the Cessna 182 Skylane is ideal as a first scale project, or as a second or third plane. Handling is stable, solid and predictable — just the thing for slow, stately parades across the sky. On the other hand, dual aileron servos (one in each wing) give you the power to send the Skylane into loops, rolls and spins when the spirit moves you.

**Wingspan: 65.5 in • Weight: 6 lb**  
**Wing Area: 589 in<sup>2</sup> • Length: 48 in**  
**Wing Loading: 23.5 oz/ft<sup>2</sup>**  
**Requires: 2-stroke .40-.51 or 4-stroke .52-.80 engine & 4-channel radio w/5 servos**

**In only 15-20 hours, you can put together a stunning sport-scale Cessna that's built as well as — perhaps even better than — most kits. The model is constructed using only the finest materials, including premium-quality hardware.**

Stock #	Description		Retail	Tower
GPMA1228	Cessna 182 40 ARF .40-.51, 65.5" ...	3 PAY \$73.33	\$299.99	\$219.99







**Ready to take center stage after just 12-15 hours of assembly!**

## EXTRA 300S ARF

1/4 Scale Almost-Ready-to-Fly Radio Control Airplane

PATTY WAGSTAFF



Performance is outrageous and outstanding, whether you go with a 2-stroke glow or gasoline engine!

**IMAA-LEGAL**  
78" wingspan

World Champion pilot Patty Wagstaff regularly dazzles air show crowds with her aerobatic performances. Now, you can do the same at your local airfield with this huge ARF version of her personal plane. It's an aircraft with an incredible amount to offer the intermediate pilot, including the chance to showcase your skills after just 12-15 hours of easy assembly.

The interlocking, all-wood airframe is prebuilt, complemented by a MonoKote® trim scheme and a fiberglass cowl factory-painted in Ms. Wagstaff's trademark checkerboard pattern. A true-scale outline defines the basic shape. Decals flesh out the look with authentic detail.

Performance is authentic, too. All flying surfaces are fully airfoiled for "clean" flying at any attitude. Tapering on both sides of the hinge line offers you more surface deflection and an even wider range of performance possibilities. Go for over-the-top moves, and dual aileron and elevator servos are there with the muscle to back you up. Heavy-duty aluminum tube mounts give the wing and stabs the strength to resist high-G moves, yet release easily after your "show" for more convenient transport home.

Items may incur oversized shipping charge.

**Wingspan: 78 in • Wing Area: 1157 in<sup>2</sup> • Weight: 14-16 lb**  
**Wing Loading: 31 oz/ft<sup>2</sup> • Length: 72.5 in**  
**Requires: 2-stroke 1.6-2.1 or 4-stroke 2.0-3.0 glow or 41-65 cc gasoline engine & a 4+ channel radio w/1-2 standard & 5-6 high-torque servos**

Stock #	Description	Retail	Tower
GPMA1305	1/4 Extra 300S Wagstaff ARF 1.60-2.1, 78" . 3 PAY \$139.99	\$599.99	\$419.97

**The perfect "next step" from your trainer!**

## EASY SPORT 40 Mk II ARF



**Great for low-cost, low-effort, aerobatic fun!**

**Wingspan: 59.2 in • Wing Area: 750 in<sup>2</sup> • Weight: 5.5-6.5 lb • Length: 50 in**  
**Requires: 2-stroke .40-.50 or 4-stroke .52-.70 engine & 4-channel radio w/4 servos**

Stock #	Description	Retail	Tower
GPMA1036	Easy Sport 40 MkII ARF MonoKote .40-.50, 59.2" .....	\$179.99	\$129.99

Whether your goal is to graduate with ease and confidence from a basic trainer to "freshman" aerobatics — or to enjoy some stik-style sport fun without investing lots of money and workbench time — you'll get there faster with the almost ready-to-fly Great Planes Easy Sport 40. The 59.2" span Easy Sport's proportions are ideal for slow, stable flight, but its shoulder-mounted, semi-symmetrical wing and light wing loading give it the zip you'll want for trying out new moves. Its wood main components are factory-built and covered in MonoKote® film — install your engine choice on the included adjustable engine mount, and you can be ready for the first flight in as little as 20 hours!





**"Anything goes" maneuverability!**

**Dazzler**  
AEROBATS

Choose Kit or ARF



Oversized control surfaces and a nearly symmetrical airfoil supply amazing snap for dazzling aerobatics!

Wingspan: 48 in • Wing Area: 578 in<sup>2</sup> • Weight: 4.3-4.8 lb • Length: 43 in  
Requires: 2-stroke .32-.46 or 4-stroke .40-.52 engine & 4-5 channel radio w/5 servos (Kit also requires 2+ rolls MonoKote® film)

Stock #	Description	Retail	Tower
GPMA0480	Dazzler 40 Kit .32-.46, 48".....	\$99.99	\$59.99
GPMA1038	Dazzler 40 ARF .32-.46, 48".....	199.99	114.98

Unleash your wild side with a Great Planes Dazzler! It dances through extreme maneuvers — rocketing rolls, knife edge, inverted flight and more. There's almost no maneuver that the Dazzler can't do — and a .40 engine is all you need to power it through its paces!

A nearly symmetrical airfoil and oversized control surfaces supply the snap for amazing aerobatics. Dual aileron servos speed response time while also reducing flutter. You'll need only one or two days to frame up the **Kit's** lightweight, all-wood parts — it can be flight-ready in about two weekends! The all-wood **ARF** version is ready for takeoff in as little as 15-20 hours, and comes precovered with "dazzling" preprinted graphics.

## 38% OFF EXTRA 330S ARF

ALMOST-READY-TO-FLY GIANT-SCALE AEROBAT



Wingspan: 110.5 in  
Wing Area: 2279 in<sup>2</sup>  
Weight: 36- 38 lb  
Wing Loading: 36-38 oz/ft<sup>2</sup>  
Length: 103 in  
Requires: 6-channel "mixing" radio w/6 channel receiver and 10 servos; servo synchronizer, 120-150 cc 2-cylinder gasoline engine & propeller

Items may incur oversized shipping charge.



**Ready for giant-scale aerobatics in 18-20 hours!**

**IMAA-LEGAL**  
110.5" wingspan

The biggest ARF Great Planes has ever made is much easier to assemble and fly than you'd ever guess — and it's loaded with more extras than you'd ever expect.

Despite a wingspan of 110 inches, this giant can be ready to fly in just 18-20 hours — less time than is required for some ARFs just half its size. The performance is great for sport or competition, 3D or airshow aerobatics...it's versatile as all get out. Small wonder: With four aileron servos, three rudder servos and two elevator servos, it has the maneuvering muscle to handle anything!

The extras? You might expect to get a spectacular MonoKote® trim scheme. But a polished spinner and painted, fiberglass pilot figure are usually pricey extras. Here, they're just two more included features!

### Loaded with extras including:

- One-of-a-kind MonoKote® trim scheme
- Carbon-fiber landing gear
- Carbon-fiber horizontal stabilizer tubes
- Polished aluminum spinner
- Painted fiberglass/carbon-fiber cowl
- Painted fiberglass pilot, wheel pants and gear cuffs.
- Aluminum wing tube
- Aluminum servo arms with ball links and turnbuckle pushrods
- Pull-pull rudder system
- 1450 cc (49 oz) fuel tank
- 5" Du-Bro wheels
- Dual bearing-supported rudder tiller arm
- Giant-scale hinge point hinges
- Adjustable tailwheel

Stock #	Description	Retail	Tower
GPMA1290	Giant Scale 38% Extra 330S ARF, 110.5".....	\$1399.99	\$999.99





**Fly the lighter,  
brighter Eagle!**



## Matt Chapman **EAGLE 580** 1/3 SCALE ARF

**IMAA-LEGAL**  
100" wingspan

FULLY  
**3D AND IMAC**  
CAPABLE

Items may incur oversized shipping charge.

Want something with the style and performance of Matt Chapman's ride?

Here it is. It's the only IMAA/IMAC ARF aerobat with a licensed Embry-Riddle trim. The sponsor decals are authentic and the cockpit includes an instrument panel and a painted fiberglass pilot bust with Matt Chapman's 3-color paint job on its helmet.

Its performance outshines Great Planes' original 1/3 scale Matt Chapman CAP 580 ARF, proof that lighter flies better. All-up on the original was 29-32 pounds. On this one: just 24-28. Two gas power options — an 85 cc single and a 100 cc twin with the option of canister style mufflers — provide an enviable power-to-weight ratio.

Double-beveled control surfaces and prehinged ailerons and elevators are welcome pluses for performance and ease. Other bonuses include the pilot bust, an aluminum spinner and giant-scale hardware custom-designed by Great Planes.

Wingspan: 100 in  
Wing Area: 1892 in<sup>2</sup>  
Weight: 24-28 lb  
Wing Loading: 29-34 oz/ft<sup>2</sup>  
Length: 96 in  
Requires: 6+ channel radio  
w/10 servos & 85-100 cc  
gasoline engine



Stock #	Description	Retail	Tower
GPMA1286	1/3 Matt Chapman Eagle 580 ARF, 100" ..	\$1299.99	\$999.99

## COMBAT CORSAIR



### 1/12 SCALE COMBAT SERIES ARFS

R/C combat flying requires a special breed of pilot...and a special type of aircraft. These 1/12 scale fighters meet the criteria perfectly: quick and easy to assemble, very affordable, and AMA-legal. In just 7-10 hours you can have either one ready for exciting dogfighting action. Structures feature prebuilt balsa/ply construction, factory-covered with high-quality, iron-on film, and come with a fiberglass cowl, clear canopy, decals and top-notch hardware. And they're compact enough to carry with you for spur-of-the-moment fun! Dual aileron servos boost control authority and speed — important for the precise maneuverability needed to become a combat "ace". Choose from the 43.3" span **Corsair** or 38.5" span **P-51 Mustang**.

**Combat Corsair**  
Wingspan: 43.25 in  
Flying Weight: 2.5 - 3 lb  
Length: 34 in  
Requires: 2-stroke .15-.25  
engine and a 3-channel  
radio w/4 micro servos

**Spend a little  
money — cut a  
LOT of ribbon!**

Easy assembly, in as  
little as 7-10 hours.



**Combat Mustang**  
Wingspan: 38.5 in  
Flying Weight: 2.5 - 3 lb  
Length: 35 in  
Requires: 2-stroke .15-.25  
engine or .30 4-Stroke  
and a 3-channel radio  
w/3 micro servos

Stock #	Description	Retail	Tower
GPMA1470	Combat Corsair ARF .15-.25, 43.25".....	\$149.99	\$109.98
GPMA1475	Combat P-51 Mustang ARF .15-.25, 38.5"....	139.99	109.98

## COMBAT-MUSTANG





## AIRPLANES — GLOW/GAS

**Behold the Cosmic Classic!**

# Little Toni

**.61 ARF**

A fierce competitor for decades, the Little Toni is the inspiration for this exciting ARF model. The wing halves and tail surfaces are balsa-sheeted, built-up — and factory-covered in genuine MonoKote®. The fiberglass fuselage, cowl, wheel pants and aluminum landing gear arrive painted to match. A clear canopy, scale shaped aluminum spinner, decals and high-quality hardware are also supplied. In as little as 12-15 hours, the Little Toni can be turning heads at the field. And she flies as well as she looks — tracking solidly, turning quickly, and slowing gently for smooth, easy landings. Capable of most all aerobatic maneuvers, a .91-equipped Little Toni is most at home rocketing around pylons at breathtaking speeds!

**Wingspan: 63 in • Wing Area: 775 in² • Weight: 7.25-8.25 lb**  
**Wing Loading: 22-25 oz/ft² • Length: 56.5 in**  
**Requires: 2-stroke .61 or 4-stroke .91 engine & 4-channel radio w/5 servos**

Stock #	Description		Retail	Tower
GPMA1320	Little Toni 61 ARF .61,63" .....	<b>3 PAY \$73.33</b>	\$349.99	\$219.99

**Fiberglass  
Fuselage!**



**IMAA-LEGAL**  
63" wingspan



**Catch a racing legend!**

**Painted  
fiberglass  
fuselage!**

**High-quality  
fiberglass and  
balsa ply construction.**

**Excellent flight  
characteristics  
at high and low speeds.**

It's Great Planes' latest Cosmic Wind ARF, and a dead ringer for the '40s Formula One racer in looks and performance! Designed for intermediate pilots, the Minnow is a sport-flier's delight with a .61, a peerless pylon racer with 4-stroke .91 and easy to have on the flight line after just 12-15 hours of assembly. The sheeted, built-up wood wing halves and tail surfaces are covered in MonoKote®. The fuselage, cowl and wheel pants are molded fiberglass and painted to match. A steerable tailwheel is included in the high quality hardware package, as are a clear canopy, aluminum gear and a scale aluminum spinner. The Minnow's symmetrical, mid-mounted wing delivers the handling you need at high speeds and low. Each aileron has its own interior-mount servo, for added agility, true-scale appearance and less drag.

Stock #	Description		Retail	Tower
GPMA1321	Cosmic Wind Minnow Sport ARF .61,63" .....	<b>3 PAY \$79.99</b>	\$349.99	\$239.97



**IMAA-LEGAL**  
63" wingspan

**Wingspan: 63 in**  
**Wing Area: 775 in²**  
**Weight: 7.25-8.25 lb**  
**Wing Loading: 22-25 oz/ft²**  
**Length: 67.5 in**  
**Requires: 2-stroke .61 or 4-stroke .91 engine & 4-channel radio w/5 servos**

## The best kits are still



## kits!

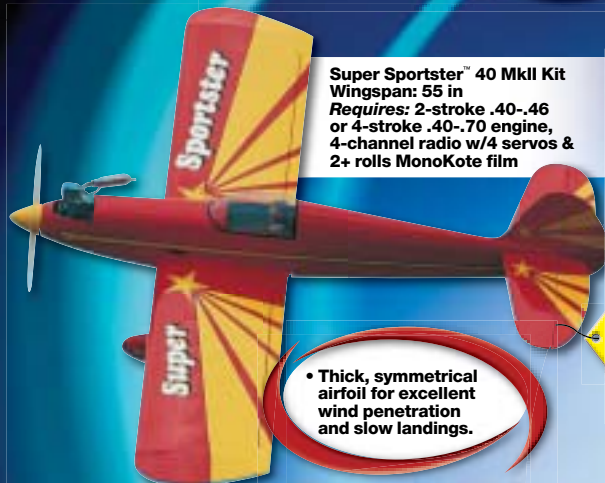
**F4U Corsair .40 Kit**  
Wingspan: 56 in  
Requires: 2-stroke .40-.46 or 4-stroke .48-.70 engine, 4-channel radio w/4 servos & 2+ rolls MonoKote film



- Semi-symmetrical airfoil promises nimble performance, while 2° of washout deliver confidence-boosting stability.

**\$119<sup>99</sup>**  
GPMA0177

**Super Sportster™ 40 MkII Kit**  
Wingspan: 55 in  
Requires: 2-stroke .40-.46 or 4-stroke .40-.70 engine, 4-channel radio w/4 servos & 2+ rolls MonoKote film



- Thick, symmetrical airfoil for excellent wind penetration and slow landings.

**\$99<sup>99</sup>**  
GPMA0205

**T-Craft 20 Kit**  
Wingspan: 56 in  
Requires: 2-stroke .25-.32 or 4-stroke .26-.30 engine, 4-5 channel radio w/2 micros & 3 std. servos & 2+ rolls MonoKote™ film



- Delivers the original's looks and crisp airshow performance in an affordable .20 size.

**\$79<sup>99</sup>**  
GPMA0155

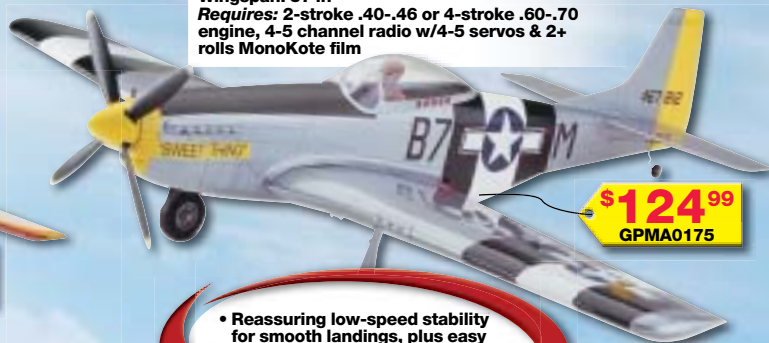
**Rapture 40™ Kit**  
Wingspan: 60 in  
Requires: 2-stroke .40-.50 or 4-stroke .40-.52 engine, 4-channel radio w/4 servos & 4+ rolls MonoKote film



- Stylish and predictable — a great choice for your second plane.

**\$89<sup>99</sup>**  
GPMA0220

**P-51D Mustang .40 Kit**  
Wingspan: 57 in  
Requires: 2-stroke .40-.46 or 4-stroke .60-.70 engine, 4-5 channel radio w/4-5 servos & 2+ rolls MonoKote film



- Reassuring low-speed stability for smooth landings, plus easy aerobatic potential for swift, fighter-like maneuvers.

**\$124<sup>99</sup>**  
GPMA0175

**Super Sportster™ 60 Kit**  
Wingspan: 61 in  
Requires: 2-stroke .45-.61 or 4-stroke .60-.91 engine, 4-channel radio w/4 servos & 2+ rolls MonoKote film



- Stable and forgiving with small engines and the CG forward — a dynamic aerobat with "hot" engines and the CG aft.

**\$124<sup>99</sup>**  
GPMA0210

**RV-4 .40 Sport Kit**  
Wingspan: 54.65 in  
Requires: 2-stroke .40-.52 or 4-stroke .48-.70 engine, 4-5 channel radio w/5-7 servos & 2+ rolls MonoKote film



- Can be a slow Sunday sport flyer or a fast and furious hot rod!

**\$109<sup>99</sup>**  
GPMA0180



- CAD-engineered for stronger, simpler airframes and better all-around performance.

- Select woods and interlocking parts for lightweight strength, precise fits and straight, self-aligning structures.

- Comprehensive, top-quality hardware packages with landing gear, wing bolts, control horns, hinges and more.

- Full-sized, rolled plans to lay it all out — and photo-illustrated, step-by-step instruction manuals to show you the way.

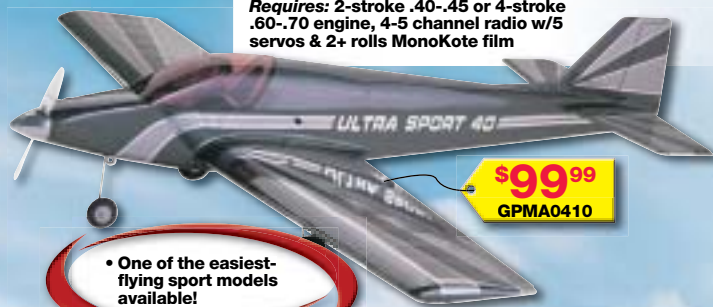
**Ultra Sport 60" Kit**  
Wingspan: 61.5 in  
Requires: 2-stroke .60-.65 or 4-stroke .70-.91 engine, 4-5 channel radio w/5 servos & 3+ rolls MonoKote film



- Perform any aerobatic maneuver with ease — then slow down for a smooth, comfortable landing.

**\$124<sup>99</sup>**  
GPMA0420

**Ultra Sport 40" Kit**  
Wingspan: 55 in  
Requires: 2-stroke .40-.45 or 4-stroke .60-.70 engine, 4-5 channel radio w/5 servos & 2+ rolls MonoKote film



- One of the easiest-flying sport models available!

**\$99<sup>99</sup>**  
GPMA0410

**Ultimate Biplane 40 Kit**  
Wingspan: 43.38 in  
Requires: 2-stroke .40-.46 or 4-stroke .48-.70 engine, 4-channel radio w/4 std. servos & 3+ rolls MonoKote film



- Fully symmetrical airfoil for intense aerobatics and ABS parts for scale accuracy.

**\$119<sup>99</sup>**  
GPMA0240

**Ultra Sport 40" Plus Kit**  
Wingspan: 58.5 in  
Requires: 2-stroke .40-.52 or 4-stroke .52-.70 engine, 4-channel radio w/5 servos & 3+ rolls MonoKote film



- Legendary looks and performance that can run from mild to wild!

**\$109<sup>99</sup>**  
GPMA0390

**SlowPoke™ Kit**  
Wingspan: 50 in  
Requires: 2-stroke .10-.25 or 4-stroke .26 engine, 3-channel radio w/3 servos & 2 rolls MonoKote film



- Flat-bottom, polyhedral wing offers trainer-like stability.

**\$59<sup>99</sup>**  
GPMA0491

**SlowPoke™ Sport 40 Kit**  
Wingspan: 61.5 in  
Requires: 2-stroke .32-.46 or 4-stroke .48-.52 engine, 4-channel radio w/5 servos & 3+ rolls MonoKote film



- Mellow with a .32, flashy with a .46 and ideal for your favorite .40!

**\$74<sup>99</sup>**  
GPMA0492

**Pete 'n Poke™ Kit**  
Wingspan: 59.5 in  
Requires: 2-stroke .40-.46 or 4-stroke .40-.52 engine, 4-channel radio w/5 servos & 3 rolls MonoKote film



- High-wing design maximizes stability, but includes dual aileron servos for aerobatic punch!

**\$79<sup>99</sup>**  
GPMA0493





PT-40 MkII Trainer Kit

**Experts agree —  
PTs are the finest  
trainers available!**



PT-60 Trainer Kit

## PERFECT TRAINER KITS

"I was immediately impressed with the kit upon opening. I have never seen cleaner die-cuts or nicer sanded, well-grained wood. The instruction booklet was my 2nd pleasant surprise, with clear photos and easy to follow instructions. I look forward to building my next Great Planes kit." —Roger Briggs, Carney's Point, NJ

Ask any experienced pilot about Perfect Trainers, and this is what you'll hear: comfortable flight...almost automatic landings...the ability to recover hands-off from control mishaps. With generous dihedral and flat-bottom airfoils, PTs nearly fly themselves!

You can't go wrong building one, either. All PT kits — the PT-20 MkII, PT-40 MkII and PT-60 — feature wood parts that are precisely die-cut and sanded to fit exactly right. Interlocking tabs and slots hold fuselage pieces together even before you apply glue. And the wings' unique "Interlocking I-Beam" construction adds incredible strength. In tests, 104.25 lb of weight was piled onto the PT-40 MkII wing. It bent — but didn't break!

**PT-20 MkII™** - Wingspan: 52.75 in • Wing Area: 515 in<sup>2</sup>  
Weight: 3.5-4.5 lb • Length: 45.5 in  
Requires: 2-stroke .15-.25 or 4-stroke .26-.30 engine,  
3-4 channel radio w/3-4 servos & 2+ rolls MonoKote® film

**PT-40 MkII™** - Wingspan: 60 in • Wing Area: 672 in<sup>2</sup>  
Weight: 5-6 lb • Length: 52.5 in  
Requires: 2-stroke .35-.46 or 4-stroke .40-.52 engine,  
3-4 channel radio w/3-4 servos & 2+ rolls MonoKote® film

**PT-60™** - Wingspan: 71 in • Wing Area: 888 in<sup>2</sup>  
Weight: 7-8 lb • Length: 53.3 in  
Requires: 2-stroke .45-.60 or 4-stroke .48-.70 engine,  
3-4 channel radio w/3-4 servos & 2+ rolls MonoKote® film

Stock #	Description	Retail	Tower
GPMA0116	PT-20 MkII Trainer Kit .15-.25, 52.75" ..	\$119.99	\$61.99
GPMA0118	PT-40 MkII Trainer Kit .35-.46, 60" .....	129.99	74.99
GPMA0119	PT-60 Trainer Kit .45-.60, 71" .....	159.99	89.99

## EXTRA 300S AEROBATS

Extra 300S  
60 Kit



**Absolutely  
incredible  
vertical  
performance!**

Two terrific ways to fly high-energy maneuvers! Kit builders can't miss with the **Extra 300S .40 Kit** — featuring a fully symmetrical airfoil — and the D-tube wing design **Extra 300S .60 Kit** with built-up ailerons. Both models feature interlocking, die-cut balsa parts, ABS canopies and landing gear, and much more. Twin aileron servos plus the twin elevator option on the .60-size version simplify set-up, while also tightening linkages and supplying the power for heart-pounding aerobatics...especially when you bolt in a 4-stroke 1.20!

**Extra 300S .40 Kit**  
Wingspan: 58 in • Wing Area: 594 in<sup>2</sup> • Weight: 5.75 lb  
Wing Loading: 24 oz/ft<sup>2</sup> • Length: 48 in  
Requires: 2-stroke .40-.51 or 4-stroke .48-.70 engine, 4-channel radio  
w/4 servos & 2+ rolls MonoKote® film

**Extra 300S .60 Kit**  
Wingspan: 64 in • Wing Area: 744 in<sup>2</sup> • Weight: 7-7.5 lb  
Wing Loading: 22-23 oz/ft<sup>2</sup> • Length: 54.25 in  
Requires: 2-stroke .61-.90 or 4-stroke .91-1.20 engine, 4-6 channel  
radio w/5-6 servos & 3+ rolls MonoKote® film

Stock #	Description	Retail	Tower
GPMA0235	Extra 300S 40 Kit .40-.51, 58" .....	\$179.99	\$99.99
GPMA0236	Extra 300S 60 Kit .61-.90, 64" .....	219.99	119.99



# HOBBISTAR 60 MkIII

**HOBBICO®**

**Quick assembly, large size, awesome flight potential!**

With their broad, nearly 6-foot wings, these trainers are easy to see at high altitudes and fly well even at low speeds. Semi-symmetrical airfoils also let you stretch out into basic aerobatics without giving up a trainer's confidence-boosting stability. The **ARF's** 90% prebuilt, all-wood construction offers a big head start toward hitting the air. Main structures have already been built and covered with a durable iron-on covering. A generous hardware package is included with wheels, fuel tank, adjustable engine mount, pushrods and spinner. You can be flight-ready in just 20 minutes with the **Select RTF**. Not only is it prebuilt...the Select also has an O.S.® 65LA engine and Futaba® 6YG FM radio, factory-installed!



Hobbistar 60 MkIII ARF

Wingspan: 71 in  
Wing Area: 888 in<sup>2</sup>  
Weight: 7.5-8.5 lb  
Wing Loading: 20-22 oz/ft<sup>2</sup>  
Length: 55 in  
**ARF Requires:** 2-stroke .60 engine & 4-channel radio w/4 servos

Stock #	Description	Retail	Tower
HCAA18**	Hobbistar 60 Select RTF 71" ..... <b>3 PAY \$126.66</b>	\$599.99	\$379.98
HCAA2125	Hobbistar 60 MkIII ARF .61,71" ..... <b>3 PAY \$49.99</b>	199.99	149.97

# AVISTAR 40 MkII ARF



Wingspan: 59 in<sup>2</sup>  
Wing Area: 602 in<sup>2</sup>  
Weight: 5 lb  
Wing Loading: 19 oz/ft<sup>2</sup>  
Length: 48 in  
**Requires:** 2-stroke .40 engine & 4-channel radio w/4 servos

**Expertly Covered with MONOKOTE™**

Choose a Hobbico ARF — and fly a high-quality, all-wood plane in just 15-20 hours, without building a single thing! All major sections are made of wood for strength and easy repairability. They're covered in MonoKote iron-on film, and an extensive package of high-quality hardware — fuel tank, engine mount, spinner, wheels, pushrods and more — is not only included but largely installed. Photo-illustrated instructions demonstrate the last few assembly steps in exact detail.

A flat-bottom airfoil, high-wing design and reinforced tricycle landing gear make the **SuperStar 40 MonoKote ARF** the ideal trainer for first-time fliers. Stable at low speeds, its self-righting flight keeps nervous beginners in control.

The **Avistar 40 MkII MonoKote ARF** offers pilots who have already mastered trainers an easy way to move up. Its semi-symmetrical airfoil has the greater agility needed to experiment with basic aerobatics, while its high-wing design provides the in-flight stability and predictable handling of a trainer.



# SUPERSTAR 40 ARF

Wingspan: 60 in • Wing Area: 660 in<sup>2</sup> • Weight: 5.5 lb  
Wing Loading: 19 oz/ft<sup>2</sup> • Length: 50 in  
**Requires:** 2-stroke .35-.46 engine & 4-channel radio w/4 servos

Stock #	Description	Retail	Tower
HCAA2016	Avistar 40 MkII MonoKote ARF .40,59" ..... <b>2 PAY \$54.99</b>	\$149.99	\$109.98
HCAA2020	SuperStar 40 MonoKote ARF .35-.46,60" ..... <b>2 PAY \$54.99</b>	149.99	109.98

# Hobbico® NexSTAR™ TRAINERS Select

**Absolutely the  
best way to  
learn to fly!**



## No other trainer offers so much help for the first-time pilot!

Light years ahead of any other ready-to-fly trainer you've seen, the **NexSTAR Select** is an exciting preview of what future trainers will be. It offers the assembly ease and all-in-one completeness of RTFs, but goes beyond them to provide an unprecedented range of pilot aids designed to ensure first-timer success.

Perhaps the most remarkable of these is AFS (Active Flight Stabilization™). Once your NexSTAR Select is airborne, it senses any change from level flight — whether it's due to a wind gust or pilot error — and automatically corrects roll and pitch to return the plane to true horizontal. It's not an automatic pilot. As long as you move the sticks, you're in control. But if you get into trouble, all you have to do is release the sticks — and let the AFS come to the rescue! It's an integral part of the Futaba® 4YBF radio system included with the most amazing trainer ever designed: the NexSTAR Select.

And now, the NexSTAR is also available in an **ARF** version, too. It has the prebuilt simplicity and revolutionary design features of the Select, but gives you the freedom to add the engine and radio system of your choice.

Need a *guarantee* that you'll be able to pilot the NexSTAR Select? Here it is! As long as you train at an AMA-chartered club field with a qualified, club-designated instructor, if you crash and destroy your NexSTAR Select before successfully learning to fly, we'll replace it within 60 days of purchase with any Hobbico trainer of up to equal value...free!



(Guarantee applies **ONLY** to the Select RTF version.)

**Wingspan: 68.75 in • Wing Area: 722 in² • Weight: 6.5 lb • Wing Loading: 21 oz/ft² • Length: 56 in**  
**ARF requires: 2-stroke .46 engine & 4-channel radio w/4 servos**

Stock #	Description	Retail	Tower
HCAA17**	NexSTAR 46 Select RTF 68.75" .....	\$549.99	\$399.99
HCAA2025	NexSTAR 46 Trainer ARF .46, 68.75" .....	169.99	129.99

## REALFLIGHT® R/C SIMULATOR NexSTAR™ EDITION



It's a breakthrough in R/C trainer technology! With this special CD-ROM and the included transmitter interface, you can turn your computer into a flying instructor, practice plane and virtual field, all in one! You can "fly" your NexSTAR before ever taking your model to the runway — increasing your chances for a successful first flight — and the program is compatible with Windows® PC, based on the world's best-selling RealFlight R/C flight simulator, with a special RealFlight offer inside the package. It's the most advanced, "no-risk" way to learn flight skills!

RealFlight Add-Ons are not compatible with NexSTAR Edition software. For system requirements, see [www.hobbicoNexSTAR.com](http://www.hobbicoNexSTAR.com). Available with NexSTAR Select version only.



**Select Model is ready to fly in 20 minutes!**



**Included with the NexSTAR Select:**

**Futaba®**

**AFS™**  
ACTIVE FLIGHT STABILIZATION

**4YBF 4-Channel Radio System**

This is a professional-quality radio, with a trainer system built in that lets an instructor share control while you're learning.

Trainer cord (available separately) required for trainer system use.

**FACTORY  
INSTALLED!**



**O.S. ENGINE®**

**FACTORY  
INSTALLED!**

**.46 FXi™ BB Engine**

Besides being reliable and easy to start, a "limiter" on the needle valve prevents damage to the engine from leaning it out too much; it's practically "goof-proof"!



**These innovations are all designed to help the new pilot:**

**SnapGear™ Quick Landing Gear Mounts**

■ Installs in 3 seconds and provides the strongest landing gear of any R/C trainer. Locks in place with a snap.

U.S. Patent 6,886,780



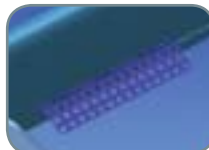
**Active Flight Stabilization™ (AFS)**

■ Special sensors on the fuselage search for any signs of instability and send corrective instructions to the receiver automatically.



**SpeedBrakes™ Training Flaps**

■ Holds airspeed to a minimum, giving you more time to think and react — especially crucial for smooth landings.



**IsoSmooth™ Engine Mount**

■ Reduces engine noise and damaging vibration.



**PivotFlex™ Wing Mounting**

■ Flexible wing mount gives in a mishap, yet holds with just 1 bolt.



**CenterCore™ Main Wing Rib**

■ Aligns the wing to perfection — and includes a built-in aileron servo mount!



**Easy Align™ Tail Mounting System**

■ Guides parts into place automatically and produces a strong, straight tail like magic!



U.S. Patents 6,938,856 and 6,986,695

## HOBBICO® TWINSTAR™ ARF

### Twin-engine thrills — ARF ease.

Experience the excitement of piloting a twin! The TwinStar ARF arrives mostly prebuilt — so you're just a few hours away from takeoff. Underneath the pre-applied, high-quality film covering are a fuselage and wing sections made of solid, interlocking wood parts for durability and low weight.

The same smart engineering that speeds final assembly also provides maximum flight stability. That's because unlike other twin-engine models, there's no shared fuel tank or servo. Each wing on the TwinStar ARF has its own fuel tank and servo, so if one engine fails, the other won't be affected.

Positioning the nacelles near the centerline prevents "spin-ins" resulting from uneven thrust — so you'll still have the power and control to perform rock-solid loops and rolls before coming in for a nice, soft landing. Even with its dual engines, the TwinStar handles much like a single-engine R/C plane of comparable size — and the wing attaches easily at the field with nylon bolts, and is removed just as quickly for the ride home.

**Double-barreled flying fun, in a fraction of the assembly time!**

Wingspan: 56 in  
Wing Area: 567 in<sup>2</sup>  
Weight: 5.5-6.5 lb  
Wing Loading: 24 oz/ft<sup>2</sup>  
Length: 49.5 in  
Requires: Two 2-stroke .20-.40 or two 4-stroke .26-.30 engines & 4-channel radio w/5 servos



Besides protecting the engine, fuel tank and servo for each wing, these pre-formed nacelles also speed assembly. After screwing them into place over the wing's leading edge they become an integral part of the wing structure.

Stock #  
HCAA2076

Description  
TwinStar 25 Twin ARF .20-.40(2),56"... **3 PAY \$43.33**

Retail  
\$179.99

Tower  
\$129.99

### The best values in R/C are backed by



For the modeler who demands the biggest bang for the buck, there's one name to know: Tower Hobbies. All Tower Hobbies products strike the perfect balance of features and cost, and offer uncompromising quality as a built in bonus! Plus, all Tower Hobbies products are guaranteed by Tower Hobbies.

### Look for Tower Hobbies Brand Products!

**Covering & Accessories: page 86**

**Airplanes: pages 10-13**

**Nitro Trucks: page 101**

**Radios: page 169**

**Engines: page 194**

## www.towerhobbies.com



**Sonic 25 Low Wing ARF**  
Wingspan: 52.3 in  
Requires: 2-stroke .25-.32  
engine & 4-channel radio  
w/4 servos

**Extra 330S Sport/Aerobatic ARF**  
Wingspan: 63.8 in  
Requires: 2-stroke .40-.91  
engine & 4-channel radio  
w/6 servos

**YAK 54 ARF**  
Wingspan: 56.1 in  
Requires: 2-stroke .40-.46 or 4-stroke .52 engine  
& 4-channel radio w/5 servos

**Tucano Sport-Scale ARF**  
Wingspan: 61.4 in  
Requires: 2-stroke .40-.46 engine  
& 4-channel radio w/5 servos

**Super Decathlon ARF**  
Wingspan: 66 in  
Requires: 2-stroke .46-.51 engine & 4-channel radio w/5 servos

**Extra 300S ARF**  
Wingspan: 57.4 in  
Requires: 2-stroke .46 or 4-stroke .53 engine  
& 4-channel radio w/5 servos



**ARFS**

Assembly ease, performance, value...all good reasons to try a Phoenix ARF! Preassembled from lightweight woods, all feature complete hardware packages and sturdy heat-shrink covering for good looks. The **Sonic .25 ARFs** put sport fliers in the air fast. The high-wing version emphasizes predictability and slow, stable flight. The low-wing version also "goes-where-you-point-it" and offers aerobatic potential to expand your skills. Other ideal low-wing trainers include the taildragger **Dolphin ARF** — which spans over 5 feet — and the **Tucano ARF** with tricycle landing gear. Providing pleasure for intermediate pilots are the **Strega 40 ARF** — a sport racer/aerobat with predictable handling and winning maneuverability; the sleek **F-20 Tigershark ARF**; the **Laser ARF** and **YAK 54 ARF**, both with dual aileron servos; the realistic **Spitfire ARF** with retract; the **SeaBee ARF** for sport or pattern flying; and the realistically scaled **Super Decathlon ARF**. The **Sukhoi SU-31 .46 ARF**, **Giles 202 .46 ARF**, **Extra 330S** and **Extra 300S ARF** live up to their legendary namesakes with event-stopping agility, mid-size convenience and economy. And for the all-out 3D flier, there's the **Funstar 3D .46 ARF**. It features control surfaces and exterior-mounted servos joined by short linkages for easy set-up going in and swifter, more authoritative response in the air.

Stock #	Description	Retail	Tower
PMMA0125	Sonic 25 High Wing ARF .25-.32,52.3"	\$94.99	\$69.99
PMMA0225	Sonic 25 Low Wing ARF .25-.32,52.3"	99.99	79.99
PMMA0250	Dolphin ARF .40-.46,61.4"	159.99	99.98
PMMA0335	Funstar 3D 46 ARF .40-.46,52.7"	149.99	109.98
PMMA0340	Strega 40 ARF .40-.46,54.5"	179.99	109.98
PMMA0345	SeaBee Sport/F3A Pattern ARF .46,55.1"	199.99	109.98
PMMA0347	Laser Sport/Aerobatic ARF .40-.50,50.4"	179.99	119.99
PMMA0350	YAK 54 ARF .46-.52,56.1"	199.99	149.97
PMMA0530	Sukhoi SU-31 46 ARF .46,55.9"	179.99	129.99
PMMA0535	Giles 202 46 ARF .46,53.1"	179.99	129.99
PMMA0540	Extra 300S 46 ARF .46,54.5"	179.99	119.98
PMMA0545	Super Decathlon ARF .46-.51,66"	179.99	119.98
PMMA0550	Spitfire ARF w/Retracts .40-.46,54.5"	229.99	169.98
PMMA0560	F-20 Tigershark ARF .40-.56,56.7"	199.99	139.99
PMMA0565	Tucano Sport/Scale ARF .40-.46,61.4"	179.99	129.99
PMMA0570	Extra 330S Sport/Aerobatic ARF .61-.91,63.8"	199.99	149.99



**TF TOP FLITE**

**Cessna® 310**

Almost Ready-to-Fly .46 Sport Scale Airplane

**Scale detail,  
twin-engine power  
— and ARF ease.**

**Fiberglass  
Fuselage!**

**IMAA-LEGAL**  
81" wingspan

Wingspan: 81 in  
Wing Area: 914 in<sup>2</sup> • Weight: 17 - 20 lb  
Wing Loading: 43-50 oz/ft<sup>2</sup> • Length: 66 in  
Requires: Two 2-stroke .46 engines & 6-9  
channel radio w/8-9 servos

This nearly 1/5 scale ARF twin lives up to the Cessna legend, with plenty of exciting extras — like an installed, prewired lighting system. You might pay more than \$100 to assemble the same system yourself...but with the Top Flite **Cessna 310**, it's part of the package.

And you can have it flight-ready in only 30-45 hours. The fuselage is molded in gel-coated fiberglass. A tail hatch allows easy access to internally concealed elevator and rudder controls. The wings halves are built-up, MonoKote-covered, and ready to slide onto aluminum joiners and bolt into place. Strong ply nacelles conceal and protect the engines, fuel tanks and servos, and are hidden under beautifully painted fiberglass shells. Aluminum spinners provide a crowning touch.

A factory-installed cockpit interior with pilot figure and preinstalled cockpit window lend more realism and assembly ease. And the Cessna 310 ARF flies as great as it looks. Engine thrust has been carefully engineered so that even if one engine quits during flight, you'll still be able to bring it in for a safe, "no sweat" landing.

Fixed landing gear is supplied with the ARF, but there's one more way to give your model spectacular realism: install Robert's optional **Tri Gear Retract Set**, custom-made for the Cessna!

Items may incur oversized shipping charge.

Stock #	Description	Retail	Tower
TOPA0910	Cessna 310 Twin ARF .46(2),81" .....	\$699.99	\$379.98
ROBQ1623	Robert Tri Gear Retracts Top Flite Cessna 310.....	382.00	339.99

## Cessna® 182 SKYLANE® KIT

**Big enough  
to be  
IMAA-legal...  
smooth enough  
for "Sunday" flying.**

**High-wing design  
makes this an  
easy-to-fly scale  
project.**

Combining an IMAA-legal 81" wingspan, scale detail and no-hassle assembly, the Top Flite Cessna 182 kit is sport-scale model building at its best. Its CAD-engineered, interlocking parts align themselves into a straight, strong frame. Plastic fairings smooth the contours and clarify scale outlines around the heavy-duty aluminum landing gear and where the struts join the wing and fuselage. Precision-formed ABS parts — including wheel pants and a cowl with bowls and clear lenses for optional working landing lights — provide more effortless realism.

The optional **Cessna Cockpit Kit** adds impressive detail in just a few easy steps! Install it in a completed model or during kit assembly. Other accessories are also available — see [www.towerhobbies.com](http://www.towerhobbies.com).

Cessna and Skylane are registered trademarks of Cessna Aircraft.

Stock #	Description	Retail	Tower
TOPA0300	Cessna 182 Skylane Gold Edition Kit .61-.91,81" ..	\$349.99	\$199.98
TOPQ8401	Cockpit Kit 1/5 Cessna 182 Skylane .....	49.99	34.99

Wingspan: 81 in • Wing Area: 906 in<sup>2</sup> • Weight: 10-12 lb  
Wing Loading: 23-28 oz/ft<sup>2</sup> • Length: 64.4 in  
Requires: 2-stroke .61-.91 or 4-stroke .91-1.20 engine,  
4-6 channel radio w/5-7 servos & 4+ rolls MonoKote® film



# AT-6 TEXAN ARF



**Fly with the  
Greatest  
Generation.**



You don't have to be a master craftsman to enjoy exceptional quality! Top Flite's AT-6 Texan ARF arrives built-up, with most of the hard work already done for you. Its factory-applied, historically accurate WWII Navy MonoKote trim scheme — and scale “extras,” like a replica radial engine, fiberglass air intakes and exhaust stacks — provide plenty of eye-catching detail. But you can still be flight-ready in as little as 18-25 hours! The cockpit inside the scale greenhouse canopy is a work of art, with detailed instrument panels, painted pilot busts, and a realistic rollover bar. And there's more: well-engineered mechanical retracts that hold up even in less-than-perfect landings; a painted fiberglass cowl with aluminum spinner; and wheel covers that look just like the ones on the full-size warbird. A steerable tailwheel improves ground handling, and the aileron servos allow plenty of room for dynamic dogfighting maneuvers.

**Wingspan: 69 in • Wing Area: 730 in<sup>2</sup> • Weight: 8.5-9.5 lb**  
**Wing Loading: 27-30 oz/ft<sup>2</sup> • Length: 51 in**  
**Requires: 6-channel radio w/8 servos & 2-stroke .60 or 4-stroke .91 engine**

Stock #	Description	Retail	Tower
TOPA0965	AT-6 Texan Gold Edition ARF, 69" ..... <b>3 PAY \$93.33</b>	\$379.99	\$279.99

# P-51 MUSTANGS



P-51D Mustang 60 Kit

Five ways  
to fly the classic  
American fighter!



P-51 Mustang 60 ARF

In both **Kit** and **ARF** versions of WWII's “perfect weapon,” interlocking wood parts, precision-formed scale details and sheeted wings increase authenticity and finishing ease. Step-by-step instructions for adding optional flaps and retracts are included. The IMAA-legal, 1/5 scale **P-51D Giant Scale** performs spectacularly with either a glow or gasoline engine. Add a pilot figure and the **Cockpit Kit P-51D Mustang Giant Scale** (available separately) for more realism.

Assemble the 1/5 scale **P-51D Giant Scale ARF** in as little as 25 hours...or be flight-ready with the 1/7 Scale **P-51D ARF** in as little as 18 hours! Both feature an all-wood airframe, covered in MonoKote film, with painted fiberglass and ABS parts plus a cockpit kit to boost scale detail to display-worthy quality. The 1/7 scale ARF includes mechanical retracts — the Giant Scale version comes with fixed gear and is also available **RTC** (Ready-To-Cover), identical to the ARF but without covering, painting or decals. Give it any look you want!

Items may incur oversized shipping charge.

**1/7 Scale P-51D Mustang Kit/ Wingspan: 65 in • Wing Area: 734 in<sup>2</sup> • Weight: 8-10 lb**  
**Requires: 2-stroke .60-.90 or 4-stroke .90-1.20 engine, 4-6 channel radio w/4-7 servos & 2+ rolls MonoKote® film**

**1/7 Scale P-51D Mustang ARF/ Wingspan: 64.5 in • Wing Area: 721 in<sup>2</sup> • Weight: 8.75-10 lb**  
**Requires: 2-stroke .60-.91 or 4-stroke .91-1.20 engine & 6-channel radio w/7 std. & 1 retract servo**

**1/5 Scale Giant P-51D Mustang Kit/ Wingspan: 84.5 in • Wing Area: 1245 in<sup>2</sup>**  
**Weight (with radio): 18-23 lb**  
**Requires: 2.1-2.8 glow or 41-70 cc gasoline engine, 6-7 channel radio w/5 HT and 5 std. servos & 5+ rolls MonoKote® film**

**1/5 Scale Giant P-51D Mustang ARF & RTC/ Wingspan: 84.5 in**  
**Wing Area: 1245 in<sup>2</sup> • Weight: 17.5-19 lb**  
**Requires: 2.1-2.8 glow or 41-70 cc gasoline engine & 5-7 channel radio w/9-11 servos**  
**(RTC also requires 3+ rolls MonoKote® film)**

Stock #	Description	Retail	Tower
TOPA0950	P-51 Mustang 60 ARF w/Retracts .60-.91, 64.5".....	\$399.99	\$299.97
TOPA0110	P-51D Mustang Gold Edition Kit .60-.90, 65".....	279.99	169.98
TOPA0400	Giant P-51D Mustang GSSE Kit 2.1-2.8, 84.5".....	399.99	249.99
TOPA0700	Giant P-51D Mustang ARF 2.1-2.8, 84.5".....	599.99	449.97
TOPA0800	Giant P-51D Mustang RTC 2.1-2.8, 84.5".....	549.99	399.99
TOPQ8406	Cockpit Kit 1/5 P-51 Mustang.....	29.99	23.99



**TF TOP FLITE**

## P-47D THUNDERBOLT

KITS & ARF



P-47 Thunderbolt ARF

**P-47D Thunderbolt .60 ARF** — Wingspan: 63 in  
Requires: 2-stroke .60-.91 or 4-stroke .90-1.20 engine & 6-channel radio w/8 servos

**P-47D Thunderbolt .60 Kit** — Wingspan: 63 in  
Requires: 2-stroke .61-.90 or 4-stroke .91-1.20 engine, 4-7 channel radio w/4-8 servos & 3+ rolls MonoKote® film

**Giant-Scale P-47D Thunderbolt Kit** — Wingspan: 85 in  
Requires: 2.1-2.8 glow or 41-70cc gasoline engine, 6-channel radio w/5 HT and 5 std servos, main and tailwheel retracts & 5+ rolls MonoKote® film

Stock #  
TOPA0955  
TOPA0135  
TOPA0415  
TOPQ8405  
TOPQ8410

**Description**

P-47 Thunderbolt ARF .60-.91,63" ..... **3 PAY \$106.66**  
P-47D Thunderbolt Gold Ed Kit .61-.90,63" ..... **3 PAY \$56.66**  
P-47D Thunderbolt Giant Kit 2.1-2.8,85" ..... **3 PAY \$83.33**  
Cockpit Kit 1/8 P-47 Thunderbolt..... ✓ 19.99  
Cockpit Kit 1/5 P-47 Thunderbolt..... ✓ 29.99

Retail  
\$419.99  
279.99  
429.99  
19.99  
29.99

Tower  
**\$319.98**  
**169.98**  
**249.99**  
**16.99**  
**26.99**

## F4U CORSAIR KITS

Now it's easier than ever to build the distinctive gull-wing warrior! The **F4U Corsair 60** makes an excellent first scale project. For a bigger, bolder fighter, go for the IMAA-legal **Giant Scale F4U Corsair**. Both feature precisely interlocking parts that help you master the rounded fuselage and inverted gull wing. You also get instructions for adding optional flaps and retracts. Low-speed stability keeps you in control during landings...yet both are smooth aerobatic aces at full throttle. Optional **Cockpit Kits** add lots of scale interior details.

**F4U Corsair 60 Kit** — Wingspan: 62 in • Wing Area: 700 in² • Weight: 7-9.5 lb  
Requires: 2-stroke .60-.80 or 4-stroke .91-1.20 engine, 4-7 channel radio w/4-7 servos & 3+ rolls MonoKote® film

**Giant Scale F4U Corsair Kit** — Wingspan: 86.5 in • Wing Area: 1345 in² • Weight: 24-26 lb  
Requires: 2.1-2.8 glow or 2.5-4.3 cc gasoline engine, 6-channel radio w/7 HT and 3 std servos, flaps, main and tailwheel retracts & 5+ rolls MonoKote® film

Stock #	Description	Retail	Tower
TOPA0101	F4U Corsair Gold Edition Kit .60-.80,62" ..... <b>3 PAY \$56.66</b>	\$279.99	<b>\$169.98</b>
TOPA0410	F4U Corsair Giant Kit 2.1-2.8,86.5" ..... <b>3 PAY \$99.99</b>	449.99	<b>299.97</b>
TOPQ8404	Cockpit Kit 1/7 F4U Corsair 60..... ✓	19.99	<b>17.99</b>
TOPQ8407	Cockpit Kit 1/5 F4U Corsair..... ✓	34.99	<b>26.99</b>



F4U Corsair Gold Edition Kit



**Beechcraft**  
**STAGGERWING**  
Almost-Ready-to-Fly 1.60 Sport Scale Airplane

From the scale cockpit and dummy radial engine to the rivets and panel lines molded into the fiberglass fuselage — the detail in Top Flite's Staggerwing ARF is astounding. The gear doors are engineered with "give" so that even after numerous touchdowns on optional Robart scale retracts they stay in alignment and continue to fit flush when closed. Even the tailwheel can be made to retract inside its own well with working doors. The wings break down into four sections and plug into aluminum joiners — and without having to disconnect the pneumatic lines.

**Wingspan: 72.5 in • Wing Area: 1525 in² • Weight: 17-19 lb**  
**Wing Loading: 26-28 oz/ft² • Length: 62.5 in**  
**Requires: 2-stroke or 4-stroke 1.60 engine & 6-9 channel radio w/7-9 servos**

Items may incur oversized shipping charge.

Stock #	Description	Retail	Tower
TOPA0905	Beech Staggerwing Giant Scale Bipe ARF,72.5" ..... <b>3 PAY \$119.99</b>	\$599.99	<b>\$359.97</b>



## B-25J MITCHELL ARF

**TF TOP FLITE**

Expertly Covered with  
**MONOKOTE**

**GOLD  
GIANT SCALE™**

**Fiberglass  
Fuselage!**

**IMAA-LEGAL**  
88.5" wingspan

**The most detailed B-25J ARF ever — inside and out!**

With a wing that spans over 7 feet, this B-25J Mitchell has plenty of room for scaling out...and Top Flite makes the most of it, while keeping assembly time to a surprisingly quick 50 hours. The vacuum-formed engine inserts take just minutes to attach — but match the look of the original's twin Wright 14-cylinder Cyclone radials. Other details include profile pilots, durable .50 machine guns, and functional fiberglass gear doors. Lock them fully deployed to accommodate the supplied fixed gear, or add Robart retracts (available separately) for realism.

You can fly the B-25J on a pair of .40s or install two .70 4-strokes for

more power and realistic sound. Strong, laser-cut ply nacelles ensure perfect alignment. The working split flaps are big advantages for small-field flying, allowing shorter takeoff rolls and slower landing speeds.

Add convenience to the big list of B-25J advantages: Wing sections remove from lightweight aluminum joiner tubes for easier transport in hatchbacks, trucks and mini vans. If the vertical fins won't clear your storage rack, just remove the two screws that hold each in place and take them off. For easy at-field reassembly, take along the included foam/PVC pipe fuselage cradle! ♦ Items may incur oversized shipping charge.

Stock #	Description	Retail	Tower
TOPA0980	B-25J Mitchell Bomber GE ARF .46-.50,88.5"..... <b>3 PAY \$208.33</b>	\$899.99	\$624.99

**Wingspan: 88.5 in • Wing Area: 1036 in² • Weight: 17-19 lb**  
**Wing Loading: 38-42 oz/in² • Length: 70.5 in**  
**Requires: 8-channel radio w/13 servos & 2-stroke .46-.50 or 4-stroke .70 engine.**

## CONTROL LINE ARFS

Expertly Covered with  
**MONOKOTE**

Score C/L ARF

Flite Streak C/L ARF

Nobler C/L ARF

Three easy ways  
to relive C/L flying's  
glory days!

The performance of Top Flite control-line models made them legends. Today, those legendary performers are ARFs, too. Their strong, all-wood airframes are factory-covered, most hardware is included — and the bellcrank and leadouts are installed! With the right engine and just 2-3 hours' assembly, the sporty, 41.5" **Flite Streak** can be a trainer, stunter or combat plane. It's covered in Top Flite® MonoKote® film, a plus that's also found on the 50.5" **Nobler**. In just 4-6 hours, you can be enjoying the superb response and agility of the title-taking original and the good looks of a painted fiberglass cow.

Prebuilt from the finest woods, the **Score** performs just like it looks: clean, crisp and razor-sharp. The built-up wing is one-piece for strength, and helps trim final assembly time to just 4-6 hours. The simple flap/elevator linkage delivers precise, contest-quality control; a weight box on the wing tip offers more custom-tuning of feel and performance.

**Flite Streak™ C/L/ Wingspan: 41.5 in • Wing Area: 398 in² • Weight: 24-26 oz**  
**Wing Loading: 8.8 oz/ft² • Length: 27 in**  
**Requires: 2-stroke .25-.40 C/L engine**

**Nobler™ C/L ARF/ Wingspan: 50.5 in • Wing Area: 500 in² • Weight: 42-50 oz**  
**Wing Loading: 12-14 oz/ft² • Length: 38.5 in**  
**Requires: 2-stroke .35-.46 C/L engine**

**Score™ C/L/ Wingspan: 56.5 in • Wing Area: 677 in² • Weight: 60-70 oz**  
**Wing Loading: 13-15 oz/ft² • Length: 46 in**  
**Requires: 2-stroke .40-.51 C/L engine**

**All require: line, control handle and connectors (SULP2632 or SULP2635, SULP2866 & SULP2948 recommended)**

Stock #	Description	Retail	Tower
TOPA1000	Flite Streak C/L ARF .25-.40,41.5".....	\$89.99	\$59.99
TOPA1005	Nobler C/L ARF .35-.46,50.5"..... <b>2 PAY \$49.99</b>	139.99	99.98
TOPA1020	Score C/L ARF .40-.51,56.5"..... <b>2 PAY \$54.99</b>	169.99	109.98



## STINSON RELIANT SR-9 GIANT KIT

This jaw-dropping, 1/5 scale kit rewards a builder's time, talent, and TLC with a great-flying sport-scale masterpiece. Top Flite referred to factory 3-views for the details, using preformed ABS plastic to recreate the cowl, wheel pants, fairings and more. The stick-built fuselage and interlocking I-beam, multi-spar wing go together flat on the boards. Wing sections attach with bolts that are easily accessible through the functional cockpit doors. Dual elevators and ailerons provide response and muscle. Knock the socks off other pilots by installing the optional **Cockpit Kit**, with instrument panel, seats, control knobs and more.

Stock #	Description	Retail	Tower
TOPA0310	Stinson Reliant SR-9 Kit 1.08-1.99, 100.5" .. <b>3 PAY \$99.99</b>	\$449.99	\$299.97
TOPQ8409	Cockpit Kit 1/5 Stinson Reliant SR-9 Giant..... ✓	49.99	29.99

**IMAA-LEGAL**  
100.5" wingspan



**Wingspan: 100.5 in • Wing Area: 1487 in<sup>2</sup>**  
**Weight: 16-25 lb • Wing Loading: 25-39 oz/ft<sup>2</sup>**  
**Length: 67.8 in**  
**Requires: 2-stroke 1.08-2.0 or 4-stroke 1.2-1.6 glow or 25-35cc gasoline engine; 4-5 channel radio w/5 HT and 1-3 std servos and 3+ 15' rolls of Coverite® 21st Century® fabric**

**The "pilot maker"!**



## T-34B MENTOR KIT

ABS parts and a greenhouse canopy recreate the Air Force and Navy trainer's scale outline without demanding work. The canopy can be built to slide open for greater realism. The rest of the T-34B's airframe is wood, with interlocking structures that align accurately and increase durability. Balsa sheeting for the wings and fuselage provide a smooth, strong surface for finishing. Selig 3086 and 3087 airfoils make flight smooth and stable. Dual aileron servos do the same for basic aerobatics. A **Cockpit Kit** is available separately.

**Wingspan: 80 in • Weight: 10-14 lb • Wing Area: 1025 in<sup>2</sup>**  
**Wing Loading: 23-32 oz/ft<sup>2</sup> • Length: 63 in**  
**Requires: 2-stroke .61-.91 or 4-stroke .91-1.20 engine, 4-6 channel radio w/6-9 servos & 4+ rolls MonoKote® film**

Stock #	Description	Retail	Tower
TOPA0160	T-34B Mentor Gold Edition Kit .61-.91, 80" .. <b>3 PAY \$76.66</b>	\$349.99	\$229.98
TOPQ8413	Cockpit Kit 1/5 T-34B Mentor .....	49.99	39.99

## ELDER 40 KIT

Introduced in the mid '80s, the full-size Elder 40 has the nostalgic looks of a classic — and Gold Edition engineering makes Top Flite's kit version a classic in its own right. Flight-ready in just a few weeks, it's an ideal second or third plane that handles as easily as any sport model and provides effortless aerobatics. The CAD-engineered, all-wood parts interlock for a straight, strong structure. Assembly aids — including shaped leading and trailing edges and built-up wingtips — reduce building time to the minimum. Formed, 2-piece landing gear not only provides excellent ground handling, but an additional opportunity to add era-authentic, optional wire wheels (TOPQ6000). Top Flite also includes the wooden pieces needed to create the flying wire braces.

**Wingspan: 65 in • Wing Area: 778 in<sup>2</sup> • Weight: 5.5-7.0 lb •**  
**Wing Loading: 16-21 oz/ft<sup>2</sup> • Length: 49.5 in**  
**Requires: 2-stroke .40-.46 or 4-stroke .52 engine, 4-channel radio w/4 servos & 4+ rolls MonoKote® film**

Stock #	Description	Retail	Tower
TOPA0215	Elder 40 Gold Edition Kit .40-.46, 65" .....	\$159.99	\$99.98
TOPQ6000	4" Wire Wheels (2) .....	12.99	10.99



**Vintage looks — today's best building technology!**

**From warrior to winning racer... to easy-to-build scale kit!**



## SEA FURY KIT

Gold Edition engineering makes it easy to build a 1/7 scale sport replica of this heroic WWII warbird. The all-wood airframe offers interlocking parts for self-aligning strength and an all-balsa exterior for easy finishing. Molded ABS air scoops, landing gear doors and wing blisters aid detailing; a fiberglass cowl helps create and preserve its scale outline by concealing engines within the recommended range. The manual shows how to create operational split flaps or an arrestor hook, or add the **Sea Fury Cockpit Kit** (available separately)!

**Wingspan: 64 in • Weight: 10-12 lb • Wing Area: 842 in<sup>2</sup>**  
**Wing Loading: 27-30 oz/ft<sup>2</sup> • Length: 58 in**  
**Requires: 2-stroke .61-.91 or 4-stroke .91-1.20 engine, 4-7 channel radio w/5-8 servos & 3+ rolls MonoKote® film**

Stock #	Description	Retail	Tower
TOPA0155	Sea Fury 60 Gold Edition Kit .61-.91, 64" .....	\$319.99	\$179.97
TOPQ8412	Cockpit Kit 1/7 Sea Fury .....	29.99	24.99



## P-40E WARHAWK KIT

### *Enlist with the Flying Tigers.*

Top Flite engineered this kit's interlocking construction with jig tabs for nearly automatic alignment. Thirteen scale, precision-formed details are included. Among them is a cowl that fully conceals your engine and a canopy with molded-in windows and framework. Except for camouflage covering, the three full-color decal sheets contain all the markings pictured here. The ribbed control surfaces look realistically fabric covered — and the split flaps are fully operational!

**Wingspan: 64 in • Wing Area: 697 in<sup>2</sup> • Weight: 8-10.5 lb • Length: 54.3 in**  
**Requires: 2-stroke .60-.91 or 4-stroke .91-1.20 engine, 4-7 channel radio w/4-8 servos & 2+ rolls MonoKote® film**

<b>Stock #</b>	<b>Description</b>	<b>Retail</b>	<b>Tower</b>
TOPA0120	P-40E Warhawk Gold Edition Kit .60-.91.64". <b>2 PAY \$59.99</b>	\$319.99	\$179.97



**Wingspan: 82.5 in • Wing Area: 750 in<sup>2</sup>**  
**Weight: 8-10 lb • Wing Loading: 25-31 oz/ft<sup>2</sup> • Length: 55.5 in**  
**Requires: 4-8 channel radio w/2-3 micro and 4-6 std servos, two 2-stroke .25-.40 or 4-stroke .40-.52 engines & 3 rolls MonoKote® film**

**Stock #**  
 TOPA0500  
 TOPQ8276

**Description**  
 Douglas DC-3 Twin GE Kit .25-.40 (2).82.5" **3 PAY \$76.66**  
 Pneumatic Retracts Douglas DC-3 (2)..... ✓

<b>Retail</b>	<b>Tower</b>
\$399.99	\$229.98
169.99	139.99

## DOUGLAS DC-3 TWIN KIT

Thanks to Gold Edition engineering, only average building skills are required to recreate this sport-scale classic. The all-wood fuselage builds flat on the plans, aligning itself as the pieces interlock. Precision-formed ABS parts — the cockpit top, tail cone, engine nacelles and more — finish detail as they reduce work. Choose between a scale or sport rudder, and let the step-by-step instructions show you how to add options such as split flaps and the semi-scale **Pneumatic Retracts** designed for the DC-3 by Robart. Whichever you choose, the DC-3's flight performance will remain the same: more like a sport flier than a scale project, and more like a mid-sized plane than an IMAA-legal giant.

## SPITFIRE MK IX KIT

Recreate England's superb fighter with interlocking, CAD-engineered wood parts and precision-formed ABS scale details. The 63" span elliptical wing with Selig airfoil offers stable, forgiving warbird flight. The wing leading edge comes preshaped, and an all-balsa exterior offers the perfect surface for easy finishing. Fly with the included, heavy-duty, formed 3/16" wire landing gear, or add optional retracts. Also available: easy-to-install, precision-formed **Cockpit Kit** with seat, instrument panel and more!

<b>Stock #</b>	<b>Description</b>	<b>Retail</b>	<b>Tower</b>
TOPA0140 TOPQ8403	Spitfire MK IX Gold Edition Kit .61-.75.63" <b>3 PAY \$56.66</b> Cockpit Kit 1/7 Spitfire MK IX..... ✓	\$279.99 19.99	\$169.98 17.99



**Wingspan: 63 in • Wing Area: 687 in<sup>2</sup> • Weight: 7.5-8.5 lb**  
**Wing Loading: 25-29 oz/ft<sup>2</sup> • Length: 53 in**  
**Requires: 2-stroke .61-.75 or 4-stroke .70-.91 engine, 4-6 channel radio w/5-7 servos & 3+ rolls MonoKote® film**

### *The sport plane legend!*



**Wingspan: 53.3 in**  
**Wing Area: 660 in<sup>2</sup> • Weight: 6-6.5 lb**  
**Wing Loading: 21-23 oz/ft<sup>2</sup> • Length: 49.6 in**  
**Requires: 2-stroke .40-.61 or 4-stroke .52-.70 engine, 4-5 channel radio w/5-6 servos & 2 rolls MonoKote® film**

<b>Stock #</b>	<b>Description</b>	<b>Retail</b>	<b>Tower</b>
TOPA0210	Contender 60 Gold Edition Kit .40-.61.53.3"....	\$139.99	\$89.99

## CONTENDER™ .60 KIT

Before the fun fly and "Stik," the Contender stood out for its amazing ability to make flying more fun. Introduced in 1969, many are still flying today — and now a whole new generation can enjoy a plane designed for pure fun. Ideal as an aerobatic trainer or 2nd or 3rd plane, the Contender's lightweight, interlocking CAD airframe can be ready to cover in about 10-15 hours. It delivers exceptional performance with a .46, and extraordinary agility with engines up to .61 in size. The symmetrical wing features dual aileron servos and stick-built control surfaces for swift, strong response. Plus, directions are included for an optional center wing control that makes "carrier" landings easier.





## Z-526 ZLIN Akrobat GP/EP ARF

Based on the Zlin Z-526A that has been popular since the 1960s and '70s, this Great Planes model is a distinctive departure from the many CAPs, Extras and Edges found at the flying field. It's similar in looks and performance to the Super Chipmunk, with a sleek profile and the capability for thrilling aerobatics — maneuvers equally achievable whether you use a 2-stroke or 4-stroke glow engine or an outrunner brushless motor.

With its low parts count and extensive preassembly, the Zlin can be flight-ready in just a few hours. The sheeted foam core wing can be built in one or two pieces, and the airfoiled tail surfaces are strong and lightweight. Topping off the Akrobat is a high-visibility, scale MonoKote® trim scheme, with decals for German registration or U.S. "N" numbers.

<b>Stock #</b>	<b>Description</b>	<b>Retail</b>	<b>Tower</b>
GPMA1024	Z-526 Zlin Akrobat GP/EP ARF 58" ..... <b>3 PAY \$73.33</b>	\$299.99	\$219.99

### A classic European airshow performer!

Wingspan: 58 in • Wing Area: 633 in<sup>2</sup> • Weight: 6-6.75 lb  
Wing Loading: 22-24 oz/ft<sup>2</sup> • Length: 52 in  
Requires: 4-5 channel radio w/4-5 servos; 2-stroke .46-.55 or 4-stroke .52-.70 glow engine; OR RimFire™ .55 outrunner brushless motor, 60A brushless ESC, (2) 11.1V 3200mAh 20C LiPo batteries & charger



## Reactor™ BIPLANE PERFORMANCE SERIES

### GP/EP SPORT/3D ARF

Great Planes Reactors earned a reputation for having classic lines and a wide flight envelope, and the Reactor Biplane .61 ARF continues the tradition! It's based on the Reactor Bipe EP, but larger — with the capability for smooth sport maneuvers and 3D aerobatics, whether you use an outrunner brushless motor or a 2-stroke or 4-stroke glow engine.

Quality construction shows in the fiberglass cowl, wheel pants and upper wing mounting pylon. The pylon is glued in place to speed wing installation, with the servo leads inside for clean looks. Pre-hinged ailerons also speed up assembly. The large, airfoiled tail surfaces allow for smooth sport flying all the way up to incredible aerobatics, before slowing down for soft 3-point landings.

<b>Stock #</b>	<b>Description</b>	<b>Retail</b>	<b>Tower</b>
GPMA1023	Reactor Bipe GP/EP Sport 3D ARF 48" ..... <b>3 PAY \$99.99</b>	\$399.99	\$299.97

### The next generation in Reactor style and performance!



Wingspan: 48 in  
Wing Area: 1145 in<sup>2</sup>  
Weight: 7-7.5 lb • Wing Loading: 14-15 oz/ft<sup>2</sup>  
Length: 58.5 in  
Requires: 4-5 channel radio w/7-8 servos; 2-stroke .61 or 4-stroke .70-.91 engine; OR RimFire™ .80 (50-55-500 kV) outrunner brushless motor, 60A brushless ESC & (2) 11.1V 3200mAh (3S) 20C LiPo battery

## Matt Chapman EAGLE 580

Officially licensed and available only from Great Planes, the Eagle 580 .46 sport-scale ARF brings the excitement of a Matt Chapman air show to your favorite flying site... with YOU at the controls. It's as aggressive in action as the full-size plane — with the same brilliant trim scheme and graphics leaving a contrail of color behind.

The main assemblies arrive built and covered, control surfaces (except rudder) are pre-hinged — and the cockpit comes complete with installed pilot bust! The foam-core, balsa-sheeted wing and stabilizer halves slide together onto carbon fiber joiner tubes, aligning automatically. All control surfaces are large for 3D maneuvers, and the tail surfaces are airfoiled for crisp, clean flight performance.

Instructions and mounting parts are included for installing a 2-stroke or 4-stroke glow engine or a brushless electric power system. Use whichever you prefer — no modifications are necessary!

<b>Stock #</b>	<b>Description</b>	<b>Retail</b>	<b>Tower</b>
GPMA1281	Eagle 580 GP/EP ARF 53" ..... <b>3 PAY \$76.66</b>	\$299.99	\$229.98

### World-famous looks and performance.



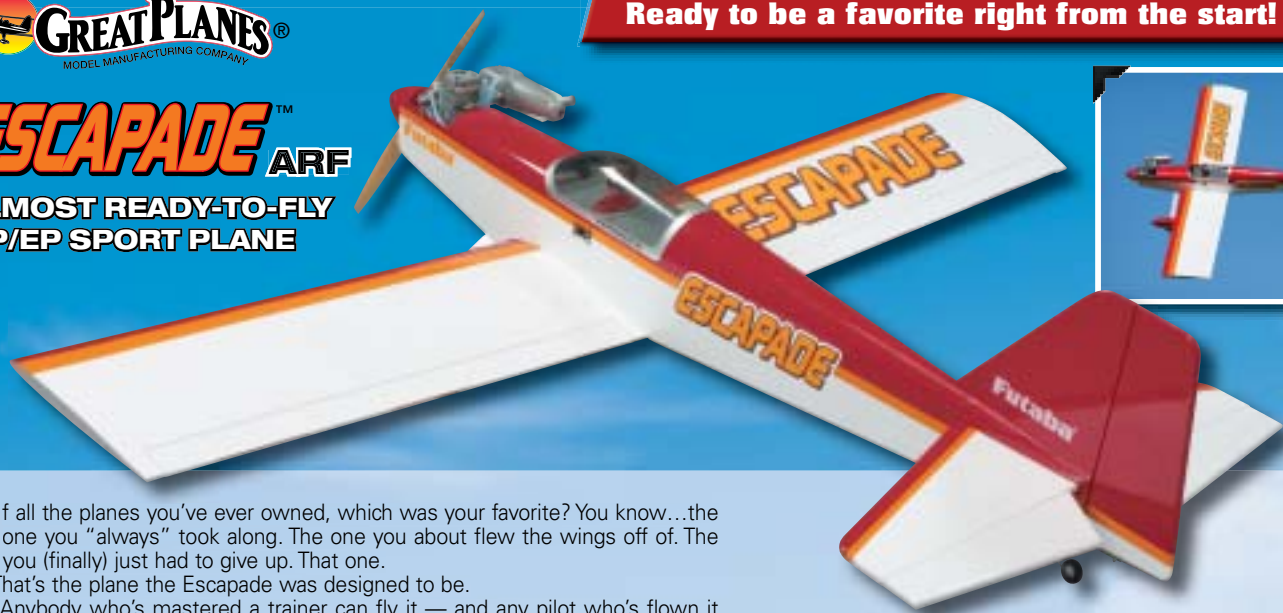
Wingspan: 53 in • Wing Area: 645 in<sup>2</sup> • Weight: 6-7 lb  
Wing Loading: 21-25 oz/ft<sup>2</sup> • Length: 57.5 in  
Requires: 4-channel radio w/4-5 servos; 2-stroke .46-.61 or 4-stroke .52-.81 engine; OR RimFire™ .80 outrunner brushless motor; 60A brushless ESC & 6S 3200mAh LiPo battery





## ESCAPADE™ ARF

ALMOST READY-TO-FLY  
GP/EP SPORT PLANE



Of all the planes you've ever owned, which was your favorite? You know...the one you "always" took along. The one you about flew the wings off of. The one you (finally) just had to give up. That one.

That's the plane the Escapade was designed to be.

Anybody who's mastered a trainer can fly it — and any pilot who's flown it once will want to fly it again. Set it up with a single aileron servo and it's perfect for afternoons of easy sport flying. Go with two servos, and you have just what you need to show off.

It builds fast either way — just 4-6 hours. Time-savers include a built-up fuselage covered in MonoKote® trim; bolt-together wing and tail surfaces, landing gear and wheel pants; prehinged control surfaces and an assembled fuel tank. Other goodies: a painted pilot bust; painted wheel pants; aluminum landing gear; a steerable tailwheel assembly; and — read this carefully — mounts for both glow engines and brushless motors.

Doesn't matter whether you put in an O.S.® 2-stroke, an O.S. 4-stroke or an ElectriFly™ outrunner — you're going to have fun, and lots of it.

Wingspan: 52.5 in  
Wing Area: 483 in<sup>2</sup>  
Weight: 5.0-5.5 lb  
Wing Loading: 24 - 26 oz/ft<sup>2</sup>  
Length: 46 in

Requires: 4-channel radio w/3-5 servos, 2-stroke .40-.55 or 4-stroke .52-.70 engine; or 800kV outrunner brushless motor, 60A brushless ESC (min) & a 14.8V, 3200mAh LiPo battery pack



Stock #	Description		Retail	Tower
GPMA1200	Escapade GP/EP ARF, 52.5" .....	2 PAY \$49.99	\$139.99	\$99.98

## Cherokee GP/EP SPORT-SCALE ARF



You've mastered  
your basic trainer.  
Now, step up to  
sport scale!



Like its full-size counterpart, the Cherokee ARF makes a great introduction to low-wing piloting. You'll add loops, axial and snap rolls, inverted flight, stall turns and more sport aerobatics to your flight résumé.

The thick airfoil keeps it slow and inside your comfort zone. Optional flaps let you further reduce speed for easy touchdowns on familiar tricycle landing gear.

With factory-built assemblies made of high-quality balsa, ply and fiberglass, the Cherokee ARF goes together in only 4-6 hours. The self-aligning tail and 2-piece wing — with prehinged control surfaces! — bolt onto the fuselage.

Flown with glow or electric power, the Cherokee ARF lets you finally enjoy the realistic looks and rousing performance that first attracted you to R/C flying!

Wingspan: 60 in  
Wing Area: 606 in<sup>2</sup>  
Weight: 6.75-7.25 lb  
Wing Loading: 26-28 oz/ft<sup>2</sup>  
Length: 46 in

Requires: 4+ channel radio w/4-7 servos and a 2-stroke .40-.46 or 4-stroke .52-.56 glow engine or an 800kV outrunner brushless motor, 60A brushless ESC (min) & 18.5V 3200mAh LiPo battery



Stock #	Description		Retail	Tower
GPMA1033	Cherokee GP/EP ARF 60" .....	3 PAY \$53.33	\$219.99	\$159.99



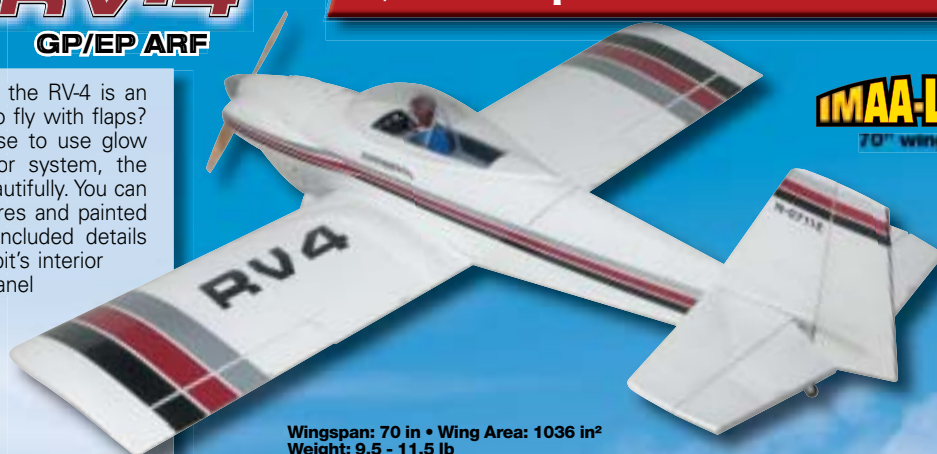


## RV-4 GP/EP ARF

If you're ready for a 1/4 scale model, the RV-4 is an ideal first choice. Want to learn how to fly with flaps? It's a natural. And whether you choose to use glow power or an electric brushless motor system, the RV-4 ARF performs the same way: beautifully. You can assemble its prebuilt balsa/ply structures and painted fiberglass parts in about 20 hours. Included details add easy authenticity — like the cockpit's interior rollover bar and recessed instrument panel with gauge decals. An aluminum spinner and high-quality hardware are also supplied. With its IMAA-legal size, impressive scale looks, and powerful performance, the Great Planes RV-4 ARF makes a big impression at any flying site.

Stock #	Description	Retail	Tower
GPMA1357	1/4 RV4 GP/EP ARF 70" .....	\$399.99	\$299.97

**1/4-scale replica of the ultimate homebuilt!**



**IMAA-LEGAL**  
70" wingspan

Wingspan: 70 in • Wing Area: 1036 in<sup>2</sup>  
Weight: 9.5 - 11.5 lb  
Wing Loading: 21 - 26 oz/ft<sup>2</sup> • Length: 63 in  
Requires: 5-channel radio w/7 servos and a 2-stroke .61-.75 or 4-stroke .81 glow engine or a 450kV out-runner brushless motor, 80A brushless ESC (min) & 22.2V 3200mAh LiPo battery



## GP/EP ARF

If you're eager to move up to giant-scale aerobatics, this should be your next step. This bird not only flies like the ever-popular .46 Reactor, it serves as proof that bigger does fly better. It's surprisingly easy to handle at low speed, even with minimum throws. However, ramp up the throws and throttle, and it'll easily deliver precision aerobatics (and many 3D moves) on the power of a 1.60. Extreme 3D would require a 50cc gas engine, but the strength to withstand it is already built in. Laser-cut wood and ply and a foam-sheeted turtledeck define the airframe, with hefty, high-quality hardware to hold it all together. And since it's prebuilt and covered in MonoKote film, it can be ready to fly in as little as 15-20 hours.



**IMAA-LEGAL**  
84.5" wingspan

Wingspan: 84.5 in  
Wing Area: 1556 in<sup>2</sup>  
Weight: 14-17 lb  
Wing Loading: 21-25 oz/ft<sup>2</sup>  
Length: 85 in  
Requires: 5-6 channel radio w/1 standard and 7 high-torque servos, a 2-stroke 1.6-2.2 or 4-stroke 2.0-2.2 glow or 43-50 cc gasoline engine

Stock #	Description	Retail	Tower
GPMA1420	Reactor GP/EP ARF 84.5" .....	\$579.99	\$399.99



Whether it's IMAC, 3D or just "Sunday" sport flying, the Su-31 is an excellent choice for a first giant-scale aerobatic model. Expert engineering gives it the lightweight strength needed for executing high-stress maneuvers — while ARF construction trims final assembly to just 20-25 hours. The turtle deck and fuselage bottom are made of a precisely sculpted foam shell that's reinforced with balsa sheeting for strength and great looks. Instead of the flat tail surfaces used by other large-scale model manufacturers, the Su-31's tail surfaces are airfoiled — delivering excellent control response and superior maneuverability at all speeds, in all flight attitudes. Topping off this big beauty are a painted fiberglass cowl and wheel pants.



**IMAA-LEGAL**  
77" wingspan

FULLY  
3D AND IMAC  
CAPABLE

Wingspan: 77 in • Wing Area: 1155 in<sup>2</sup> • Weight: 13-15 lb  
Wing Loading: 26-30 oz/ft<sup>2</sup> • Length: 70 in  
Requires: 4+ channel radio w/1 standard and 6 high-torque servos and a 2-stroke 1.6-1.8 or 4-stroke 1.8-2.1 glow or 32-43cc gasoline engine or 63-62-250 outrunner brushless motor, ESC & battery

Stock #	Description	Retail	Tower
GPMA1412	Sukhoi SU-31 GP/EP ARF 77" .....	\$599.99	\$399.99



# Revolver™ GP/EP ARF



The 59" span Revolver looks fast, and its performance — under glow or brushless electric power — follows through with excellent high- and low-speed flight performance. Built from select balsa/ply, it features a 2-piece, balsa sheeted, foam core wing covered in MonoKote® film. The cowl, wheel pants and landing gear are light, painted fiberglass. But that's not even the best part. This fantastic sport aerobat only takes a mere 10 hours to assemble before it's flight-ready!

**Wingspan: 59 in • Wing Area: 563 in² • Flying Weight: 6-7 lb**  
**Wing Loading: 25-29 oz/ft² • Length: 48 in**  
**Requires: 4+ channel radio w/5 servos and a 2-stroke .46-.55 or 4-stroke .70 glow engine or 800kV outrunner brushless motor, ESC, battery & charger**

Stock #	Description	Retail	Tower
GPMA1018	Revolver GP/EP Low Wing Sport ARF 59"..... <b>3 PAY \$59.99</b>	\$249.99	\$179.97



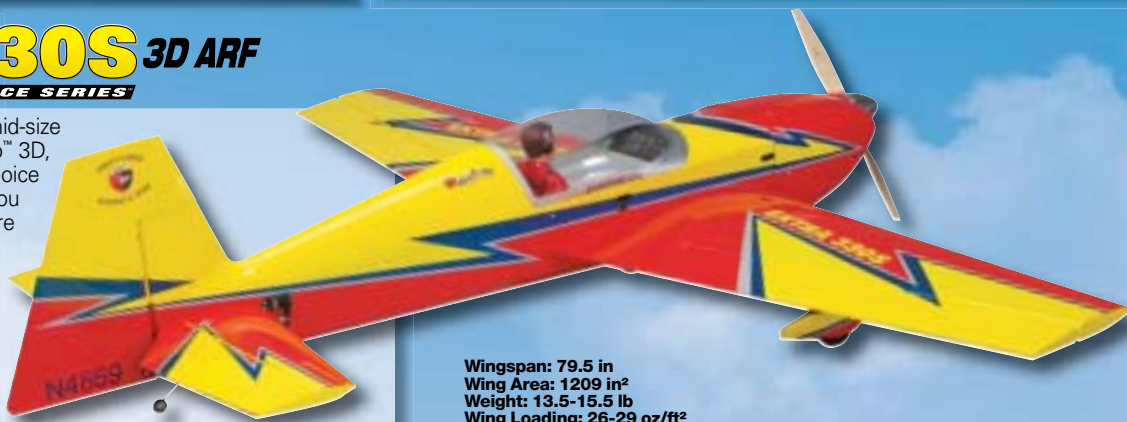
**Fire off one spectacular maneuver after another!**

# 27% EXTRA 330S 3D ARF

1.60 GLOW / 43 cc GAS PERFORMANCE SERIES

If you currently fly a model like the mid-size Matt Chapman CAP 580 or U-Can-Do™ 3D, the 27% Extra 330S is the perfect choice for your next plane. Why? Because you have everything to gain. You gain more size — it's more impressive on the ground, more visible in the air, and IMAA-legal to boot. You gain the confidence that expert construction quality provides: Prebuilt airframe sections, MonoKote® covering, painted fiberglass and high-quality hardware make it light in flight, easy to look at and easy to assemble in just 20-24 hours. You gain power and precision in performance, too. Oversized control surfaces, short, direct linkages and a pull-pull rudder give you the extra edge you need for 3D and IMAC competition. And after you perform, you can depend on stable, low-speed flight to bring you in for a triumphant landing.

Stock #	Description	Retail	Tower
GPMA1413	Extra 330S GP/EP Sport 3D ARF 79.5" ..... <b>3 PAY \$143.33</b>	\$599.99	\$429.99



**Wingspan: 79.5 in**  
**Wing Area: 1209 in²**  
**Weight: 13.5-15.5 lb**  
**Wing Loading: 26-29 oz/ft²**  
**Length: 78 in**  
**Requires: 4-6 channel radio w/1 standard and 6 high-torque servos; 2-stroke 1.6-1.8 or 4-stroke 1.8-2.1 glow or 32-43cc gasoline engine**

**This ARF is "Extra" impressive!**

# Reactor™ GP/EP ARF

PERFORMANCE SERIES  
 ALMOST READY-TO-FLY .46-.70 / EP SPORT AEROBAT

The Reactor excels at both! It doesn't matter whether you go with glow power or equip it with a brushless electric motor — you'll enjoy outstanding performance either way. One reason why: all-wood construction, for light, strong structures. Another: The pure sport design that makes none of the compromises that scale planes require. The result is a rocket-sleek plane with maxed-out performance potential. The mid-wing design and thin airfoil (9% thick vs. 13-14%) offer exceptional precision and a wide performance envelope, plus confidence-inspiring stability at slow speeds. Assembly is anything BUT slow...factory-built structures, MonoKote covering and painted fiberglass parts cut it to only 5-6 hours.

Stock #	Description	Retail	Tower
GPMA1021	Reactor GP/EP 3D ARF 58"..... <b>3 PAY \$66.66</b>	\$269.99	\$199.98



**Wingspan: 58 in**  
**Wing Area: 745 in²**  
**Weight: 5.25-6.25 lb**  
**Wing Loading: 16-18 oz/ft²**  
**Length: 59 in**  
**Requires: 4+ channel radio w/5 mini servos and a 2-stroke .46-.51 or 4-stroke .70 glow engine and 1 additional servo or an out-runner brushless motor, brushless ESC & two 11.1V, 3200mAh LiPo batteries**

**Precision pattern plane or all-out 3D aerobat? You decide...**





## P-47 THUNDERBOLT

### 1/12 SCALE GP/EP ARF

Enjoy sport flying, warbird style, with the 39.5" span P-47 Thunderbolt! A spirited performer with a brushless electric motor, this easy-building ARF is AMA Event 750 combat-legal when equipped with a glow engine. Thanks to high-quality, balsa/ply hardware, a one-piece wing, battery hatch, and a realistic, factory-applied trim scheme, the WWII-era classic can be airborne in a matter of hours. Mounts for a glow engine and electric motor are included, as are painted fiberglass parts and much more!

**Wingspan:** 39.5 in • **Wing Area:** 290 sq in • **Weight:** 41-45 oz  
**Wing Loading:** 20.4-22.3 oz/ft<sup>2</sup> • **Length:** 34 in  
**Requires:** 4-channel radio w/4-5 micro servos, 2-stroke .25 engine or 1200kV outrunner brushless motor, 45A brushless ESC & 11.1V 3200mAh LiPo battery pack

Stock #	Description	Retail	Tower
GPMA1479	1/12 P-47 Thunderbolt GP/EP ARF 39.5" ..... <b>2 PAY \$59.99</b>	\$149.99	\$119.98



**Sport-scale Jug makes you an easy ace!**

## P-40 WARHAWK

### 1/12 SCALE GP/EP ARF

The famous "Flying Tiger" has never been more versatile! When equipped with a 2-stroke .25 glow engine and the gear removed, you've got an AMA-sanctioned combat competitor. With the landing gear on this Warhawk is a spirited sport model — with a glow engine OR brushless motor power. Just 5-7 hours of easy assembly stand between you and your first flight. The built-up all-wood airframe is precovered in MonoKote® film, and is complemented by a fiberglass cowl. Mounts for both glow and electric systems are included.

**Wingspan:** 39 in • **Wing Area:** 242 in<sup>2</sup>  
**Weight:** 38-46 oz • **Wing Loading:** 23-27 oz/ft<sup>2</sup> • **Length:** 34.8 in  
**Requires:** 4-channel radio w/3-4 micro servos, 2-stroke .25 glow engine or 1450kV out-runner brushless motor, 45A brushless ESC, 11.1V 2100-3200mAh LiPo battery & charger

Stock #	Description	Retail	Tower
GPMA1472	1/12 P-40 Warhawk GP/EP ARF 39" .....	\$149.99	\$97.99



**Great for sport-scale fun – or combat events!**

## SPITFIRE

### 1/12 SCALE GP/EP ARF

Go with brushless motor power and the optional landing gear, and the 39" span Spitfire is a lively sport performer. Go with glow and you can still fly it for sport — or leave off the gear and compete in AMA Event 750, Combat Class 2610. Either way, you can be in the air in just 4-6 hours. The airframe is built-up wood and covered in MonoKote® film, with pre-cut decals for scale looks. Mounts for both glow and electric systems are included, and aileron servos can be mounted on the top or bottom of the wing.

**Wingspan:** 39 in • **Wing Area:** 272 in<sup>2</sup> • **Weight:** 40-48 oz  
**Wing Loading:** 21-25 oz/ft<sup>2</sup> • **Length:** 35.5 in  
**Requires:** 4-channel radio w/4-5 micro servos, 2-stroke .25 engine or 1450kV outrunner brushless motor, 45A brushless ESC, 11.1V 2100-3200 mAh LiPo battery & charger

Stock #	Description	Retail	Tower
GPMA1478	1/12 Spitfire GP/EP ARF 39" ..... <b>2 PAY \$54.99</b>	\$149.99	\$109.98



**Sport action, warbird style!**



# EXTRA 300 SP GP/EP ARF

**PERFORMANCE SERIES**  
Almost Ready-to-Fly .46-.81 / EP Sport Aircraft

• It has never looked — or flown — better!

Light but strong, the 55" span Performance Series Extra 300SP .46 feels and flies much bigger than it is, offering the perfect blend of detail and aerobatic ability. MonoKote film-covered wood main sections and factory-painted fiberglass parts speed sport-scale assembly. A two-piece wing simplifies transport. Airfoiled tail surfaces deliver superior aerodynamics — the model handles hovers, inverted harriers and knife edge flight with ease. And you can use glow or brushless electric power with no complicated conversions!

**Wingspan: 55 in • Wing Area: 590 in<sup>2</sup> • Weight: 5.5-6.5 lb**  
**Wing Loading: 21-25 oz/ft<sup>2</sup> • Length: 53 in**  
**Requires: 4-5 channel radio w/4-5 servos; 2-stroke .46-.55 or 4-stroke .52-.81 engine; OR RimFire™ .80 outrunner brushless motor, 60A brushless ESC (min) & two 11.1V 3200mAh LiPo batteries**

Stock #	Description	Retail	Tower
GPMA1022	Extra 300 SP GP/EP ARF 55" .....	\$249.99	\$199.98

# EDGE 540 GP/EP ARF

**PERFORMANCE SERIES**  
1.60 GLOW / 43 cc GAS

The Edge 540 has been a major competitor on the Unlimited Class circuit and a popular performer at air shows. Now it's also a part of the Great Planes Performance Series — and shares the versatility that's made the entire series a favorite. This beauty can be set up for all-out 3D, pattern precision or simple, easy sport flying — and your power options include glow, gas and electric. Huge, double-beveled control surfaces and exterior-mounted servos let you push the flight envelope as far as you want. Of course, if you mount the rudder servos in the fuselage, you can also opt for a (very responsive) pull-pull rudder set up. Assembly time is just 20-25 hours — less than you'd spend just covering a kit of this size!

**Wingspan: 78 in • Wing Area: 1088 in<sup>2</sup> • Weight: 13-15 lb**  
**Wing Loading: 28-32 oz/ft<sup>2</sup> • Length: 74.5 in**  
**Requires: 4+ channel radio w/6-7 servos and a 2-stroke 1.6-1.8 or 1.8-2.1 glow or 32-43 cc gas engine or 63-62-250kV out-runner brushless motor, 100A brushless ESC (min) & 33.3V 3200mAh LiPo battery**

Stock #	Description	Retail	Tower
GPMA1414	27% Edge 540 GP/EP 3D ARF 78" .....	\$549.99	\$379.98



**GREAT PLANES**  
MODEL MANUFACTURING COMPANY

Expertly Covered with  
**MONOKOTE**

**The next generation Extra!**

**IMAA-LEGAL**  
78" wingspan



Expertly Covered with  
**MONOKOTE**

**Edge-of-your-seat performance!**

**TF TOP FLITE**

**Cessna 182 GOLD EDITION GP/EP ARF**  
**SKYLANE**

Lighting systems are costly extras for some kits — but already installed on this .60-size ARF. Cockpit kits don't always "come with," but you get one here that's completely authentic, from C-pillars, seats and side panels to the control yokes and updated instrument array up front!

The look of the Cessna is expertly captured in Top Flite's Gold Edition model, and the gentle handling makes this ARF a great choice for virtually any pilot. Factory-built wood sections and a factory-applied, Cessna-style trim scheme reduce assembly time to just 18-25 hours. Painted fiberglass details go beyond the cowl and wheel pants to include updated, one-piece wing and landing gear struts, Horner wing tips and molded-in corrugations for control surfaces. And whether you go with glow or opt for electric, the performance is great either way!

Stock #	Description	Retail	Tower
TOPA0906	Cessna 182 Skylane GP/EP Gold Edition ARF 81" . 3 PAY \$133.33	\$549.99	\$399.99



**IMAA-LEGAL**  
81" wingspan



**Wingspan: 81 in • Wing Area: 898 in<sup>2</sup> • Weight: 11.5-12.5 lb**  
**Wing Loading: 30-32 oz/ft<sup>2</sup> • Length: 64 in**  
**Requires: 6 channel radio w/6 servos and a 2-stroke .60-.91 or 4-stroke .91-1.20 engine or an outrunner brushless motor, 60A ESC (min), 11.1V 3200mAh LiPo battery & 7.4V 3200mAh LiPo battery**

**A full-scale favorite for 50+ years!**



**ElectriFly™**  
by Great Planes

**PERFORMANCE SERIES™**

**3D EP ARFs**



**The fast track to mastering all-out 3D moves.**

**REACTOR™**

**Wingspan: 41.5 in • Wing Area: 384 in<sup>2</sup> • Weight: 24-27 oz**  
**Wing loading: 9-10.1oz/ft<sup>2</sup> • Length: 42 in**  
**Requires: 4+ channel radio w/4 micro servos, brushless motor and 25A ESC (min) & 11.1V, 910mAh LiPo pack**

With its ultra-thin airfoil, the Reactor can deliver gentle handling on approach and radical attitude changes on demand. Oversized ailerons, adjustable pushrods and short, direct linkages provide crisp, powerful response. Factory-built from interlocking, laser-cut balsa parts, it's already covered, with painted ABS wheel pants and cowl for looks and formed aluminum gear for "stand-up" touchdowns.

Stock #	Description	Retail	Tower
GPMA1540	Reactor 3D EP ARF 41.5" .....	\$149.99	\$94.99



**YAK performance in an easy electric ARF.**

**YAK 54 3D ARF**

**Wingspan: 41 in • Wing Area: 356 in<sup>2</sup> • Weight: 24-27 oz**  
**Wing loading: 9.7-10.9 oz/ft<sup>2</sup> • Length: 38 in**  
**Requires: 4-channel radio w/4 micro servos; brushless motor, 25A brushless ESC (min) & 11.1V, 1250mAh LiPo battery**

Using today's finest electric model engineering, this YAK succeeds at any 3D maneuver — performing demanding precision aerobatics as well as larger models, but at smaller sites. Oversize ailerons provide impressive roll rates and superior control at all speeds. With reduced throws, it's also a fun and easy sport flier. The prebuilt, laser-cut balsa/ply structures assemble quickly. A hand-crafted, lightweight fiberglass cowl is also included, painted to match the high-visibility trim scheme.

Stock #	Description	Retail	Tower
GPMA1542	YAK 54 3D EP ARF 41" ..... <b>2 PAY \$54.99</b>	\$149.99	\$109.98



**Experience the Ultimate rush!**

**Ultimate! BIPLANE 3D ARF**

**Wingspan: 33.5 in • Wing Area: 383 in<sup>2</sup> • Weight: 27.5-31.0 oz**  
**Wing Loading: 10.3-11.6 oz/ft<sup>2</sup> • Length: 37 in**  
**Requires: 4+ channel radio w/4 micro servos, 950kV brushless outrunner motor, 25A brushless ESC (min) & 11.1V 1250 LiPo battery**

Push the sticks to the stops and the Ultimate Biplane delivers riveting rolling Harriers, tantalizingly slow torque rolls, and the best in brushless performance. It's also factory-built — which makes the striking looks and outstanding performance easy to enjoy. The light, strong laser-cut wood airframe is covered in a high-quality iron-on film. Light, molded hardware provides the response edge for the Ultimate Biplane's biggest plus: performance!

Stock #	Description	Retail	Tower
GPMA1546	Ultimate Bipe 3D EP ARF 33.5" ..... <b>2 PAY \$59.99</b>	\$159.99	\$119.98



# HUGE PERFORMANCE...in a compact, park flyer size.

**All 6 ARFs are  
factory-covered in  
MonoKote® film!**

## SU-31

**Wingspan: 41 in • Wing Area: 343 in² • Weight: 27.5-31.0 oz**  
**Wing Loading: 11.5-13 oz/ft² • Length: 38 in**  
**Requires: 4-channel radio w/4 micro servos, outrunner**  
**brushless motor, 35A ESC (min) & 11.1V 1250mAh LiPo battery**

Its amazing versatility and aerobatic performance have made the Sukhoi an air show favorite for over two decades. This R/C version brings Sukhoi performance to small fields and parks together with quick assembly and time-saving ease. It offers the best of E-performance features: laser-cut, tight-fitting wood parts; MonoKote® covering, complete hardware; an extensive hardware package and painted ABS and fiberglass parts.

<b>Stock #</b>	<b>Description</b>	<b>Retail</b>	<b>Tower</b>
GPMA1547	SU-31 3D EP ARF 41" .....	\$149.99	\$109.98

**2 PAY \$54.99**



**The singularly  
spectacular  
superstar!**

## EDGE 540

Almost-Ready-to-Fly Electric 3D Aerobat

### E PERFORMANCE SERIES

**Wingspan: 41 in • Wing Area: 353 in² • Weight: 29-320 oz**  
**Wing Loading: 11.8-13.1 oz/ft² • Length: 39.5 in**  
**Requires: 4-channel radio w/4 micro servos, outrunner**  
**brushless motor, 35A ESC (min) & 11.1V 1500mAh LiPo battery**

Push power and throws to the limits, and the Edge 540 can master any 3D maneuver you know today and everything you'll learn tomorrow. But dial both back, and the Edge 540 can also be an air show aerobat or a pleasant, undemanding sport flyer. It's also as easy to assemble as it is versatile. There's no building or finishing; just the ease offered by painted fiberglass and ABS parts, a factory-applied MonoKote® trim scheme and an extensive hardware package.

<b>Stock #</b>	<b>Description</b>	<b>Retail</b>	<b>Tower</b>
GPMA1550	Edge 540 3D EP ARF 41" .....	\$139.99	\$104.98

**3 PAY \$56.66**



**The air show ace  
as a small-field  
favorite!**

## REACTOR

### BIPE

**Wingspan: 35 in • Wing Area: 600 in² • Weight: 1.5-2.5 lb**  
**Wing Loading: 8.2-9.1 oz/ft² • Length: 43 in**  
**Requires: 4-5 channel radio w/4 micro servos, 35-36-1200**  
**outrunner brushless motor, 35A brushless ESC (min.), 11.1V**  
**1200mAh LiPo battery, LiPo charger & 10x7 electric prop**

The Reactor Bipe offers the best of 3D and precision aerobatics in the same plane...and the greatest assembly ease and extras of any E-Performance plane yet! Bench-to-flight-line time is just 4-6 hours, thanks to the installed motor box, self-aligning lower wing spar and a wealth of painted and formed parts. A one-of-a-kind MonoKote® trim scheme is already in place and ready to add dazzling color to breathtaking performance.

<b>Stock #</b>	<b>Description</b>	<b>Retail</b>	<b>Tower</b>
GPMA1580	Reactor 3D EP Bipe ARF 35" .....	\$219.99	\$169.98

**3 PAY \$56.66**



**Blur the line  
between 3D and  
precision aerobatics.**



**ElectriFly™**  
by Great Planes®

**Edge 540 T:** Wingspan: 49.5 in  
Wing Area: 490 in<sup>2</sup> • Weight: 3.25-3.5 lb  
Wing Loading: 15-16 oz/ft<sup>2</sup> • Length: 48 in  
**Requires:** 4-5 channel radio w/4 micro  
servos, 42-50-800 outrunner brushless  
motor, 45A brushless ESC (min) & 14.8V  
2100mAh LiPo battery



Expertly  
Covered with  
**MONOKOTE®**

**EPERFORMANCE XLC**  
EXTREME LIGHT CONCEPT

**EP ARFS**

When you reduce weight, you peak performance. And when you make peak performance easy to enjoy, you have the basics of XLC (Extreme Light Concept™) design. Carbon fiber, hand-selected woods and lightweight painted fiberglass parts hold weight to a minimum, to make the most of brushless motors and LiPo power. Extensive prefabrication, factory-applied MonoKote® film, factory-hinged ailerons and rudder and magnetically attached cowls and hatches shorten box-to-flight times to the max. Double-beveled, airfoiled tail surfaces ensure smooth-as-silk tracking and maximum maneuvering muscle for the most ambitious moves imaginable. The **Edge 540 T** puts you at the cutting edge of 3D stardom. The **Matt Chapman Eagle 580** does, too, but goes on to add die-cut decals that recreate the licensed Embry-Riddle trim scheme. Designed for F3A pattern and smooth tracking, the **Sequence**™ offers the features of expensive custom aircraft with all-American ease and affordability.

**Matt Chapman Eagle 580:** Wingspan: 50 in  
Wing Area: 494 in<sup>2</sup> • Weight: 3.3 – 3.5 lb  
Wing Loading: 15 – 16 oz/ft<sup>2</sup> • Length: 47.8 in  
**Requires:** 4-channel radio w/4 micro servos,  
800kV outrunner brushless motor, 45A ESC &  
11.1V 2100mAh LiPo battery



**Three  
50" class  
favorites!**

**Sequence:** Wingspan: 50 in • Wing Area: 505 in<sup>2</sup> • Weight: 3.5-3.75 lb  
Wing Loading: 16-17 oz/ft<sup>2</sup> • Length: 51.5 in  
**Requires:** 4-channel radio w/4 servos, 800kV outrunner brushless  
motor, 45A ESC (min) & 14.8V mAh LiPo battery



Stock #	Description		Retail	Tower
GPMA1572	Edge 540 T 3D EP ARF 49.5" .....	3 PAY \$53.32	\$199.99	\$159.96
GPMA1573	Matt Chapman Eagle 580 EP ARF 50" .....	3 PAY \$56.66	219.99	169.98
GPMA1575	Sequence F3A EP ARF 50" .....	3 PAY \$66.66	249.99	199.98

**PRO-FORMANCE FOAM™**

**Silhouette:** Wingspan: 40 in  
Wing Area: 406 in<sup>2</sup> •  
Weight: 14.5 – 16 oz  
Wing Loading: 5.2 – 5.7 oz/ft<sup>2</sup>  
Length: 41 in  
**Requires:** 4+ channel radio w/4 micro  
servos, 950kV outrunner brushless  
motor, 12A brushless ESC (min) & 11.1V  
640mAh LiPo battery



**Pluma:** Wingspan: 32.5 in  
Wing Area: 578 in<sup>2</sup>  
Weight: 8.4-9.5 oz  
Wing Loading: 2.3 – 2.6 oz/ft<sup>2</sup>  
Length: 38 in  
**Requires:** 4-channel radio w/4 micro  
servos, outrunner brushless motor,  
8A brushless ESC (min) & 11.1V  
300mAh LiPo battery.



**Sopwith Pup:** Wingspan: 30 in  
Wing Area: 332 in<sup>2</sup> • Weight: 7.5-8.0 oz  
Wing Loading: 3.3-3.4 oz/ft<sup>2</sup> • Length: 22 in  
**Requires:** 3-channel radio w/2 nano servos,  
outrunner brushless motor, 8A brushless ESC (min)  
& 7.4V, 300mAh LiPo battery



## FOAM EP ARFS

**Fast-building foam fliers for indoor and outdoor fun!**

With foamies, the fun's in the flying, not building — and that's why all of these foamies can be flight-ready in 3 hours or less. They're all made from 3mm Pro-Formance foam. Parts are factory-finished, laser-cut and interlocking, to ensure easy good looks and arrow-straight, super-strong airframes. And because of their lightness, Pro-Formance foamies can deliver premium performance with the smallest of RimFire™ brushless motors. ElectriFly's 3D trio includes the **Yak 54** for indoor use, the **Silhouette** for outdoors and the versatile **Pluma** for indoor or outdoor fun. The **Sopwith Pup** combines the scale-like looks of a WWI fighter with smooth, stable handling — just right for a first foamy or a favorite sport flier. Add a brushless motor and LiPo power pack, and you're ready to let the fun begin!

**Yak 54:** Wingspan: 32 in  
Wing Area: 270 sq in<sup>2</sup>  
Weight: 5.5 – 6.7 oz  
Wing Loading: 2.9 – 3.5 oz/ft<sup>2</sup>  
Length: 36.5 in  
**Requires:** 4-channel radio  
w/3 micro servos, outrunner  
brushless motor, 8A brushless  
esc (min) & 7.4V 300mAh LiPo  
battery



Stock #	Description		Retail	Tower
GPMA1130	Pluma 3D Indoor/Outdoor EP ARF 32.5" .....		\$69.99	\$49.99
GPMA1131	Yak 54 3D 3mm Foam Indoor EP ARF 32" .....		79.99	49.99
GPMA1132	Silhouette 3D EP ARF 40" .....		79.99	59.99
GPMA1133	Sopwith Pup Slow Flyer Foam EP ARF 30" .....		74.99	59.99





## WWI EP ARFS

The looks are as different as the Axis and the Allies, but the construction, assembly ease and scale looks are universally top-notch. Light, laser-cut wood airframes for dog-fighting agility at the park or field. Colorful, factory-applied film, formed and painted landing gear, cabanes and struts, scale wheels and molded parts — including machine guns, pilot busts, painted plastic cowls — add a wealth of authentic detail but next to nothing to assembly time or work! All require a 4-channel radio w/4 micro servos, RimFire™ 400 outrunner brushless motor, 25A brushless ESC and an 11.1V LiPo battery.



**Spad XIII**  
*America's "Ace Maker!" for R/C!*  
Wingspan: 34 in • Weight: 22.4-25.2 oz  
Requires: 1250mAh battery plus items at left



**Fokker DR.1**  
*Favored by the Red Baron and the Flying Circus!*  
Wingspan: 29.5 in • Weight: 24 oz  
Requires: 1250mAh battery plus items above



**Sopwith Camel**  
*Britain's Front-Line Fighter Returns!*  
Wingspan: 35.5 in  
Weight: 21.1 – 26.3 oz  
Requires: 1500mAh battery plus items above



**S. E. 5a**  
*Britain's best for the Royal Flying Corps!*  
Wingspan: 34 in • Weight: 21-24 oz  
Requires: 1250mAh battery plus items above



**Fokker D.VII**  
*The Axis legend recreated for the 21st century!*  
Wingspan: 36 in • Weight: 25.7 oz  
Requires: 41250mAh battery plus items above

**These all-wood ARFs make you a park flyer ace!**

Stock #	Description	Retail	Tower
GPMA1140	S.E.5a WWI EP ARF 34"	\$119.99	\$89.99
GPMA1141	Fokker D.VII WWI EP ARF 36"	119.99	89.99
GPMA1142	Fokker DR.1 Triplane WWI EP ARF 29.5"	139.99	89.99
GPMA1143	SPAD XIII WWI Parkflyer EP ARF 34" <b>2 PAY \$54.99</b>	149.99	109.98
GPMA1144	Sopwith Camel WWI Parkflyer EP ARF 35.5" <b>2 PAY \$49.99</b>	139.99	99.98



# AIRPLANES — ELECTRIC

**ElectriFly™**  
by Great Planes®

## EP ARFS

**Mini Delta**  
Wingspan: 19 in  
Requires: 3-channel radio w/two servos, 5A ESC (min) & 9.6V 350mAh 2/3AAA NiMH battery



**YAK 55 3D**  
Wingspan: 33.5 in  
Requires: 4-channel radio w/3 nano servos, 20A ESC (min) & 11.1V 1200mAh LiPo battery

**PT-19**  
Wingspan: 41.4 in  
Requires: 4-channel radio w/3 micro servos, 950kV outrunner brushless motor, 25A brushless ESC (min.) & 11.1V 1500mAh LiPo battery



**Lancair® ES**  
Wingspan: 43 in  
Requires: 4-channel radio w/4 micro servos



**F4U-1A Corsair**  
Wingspan: 32.5 in  
Requires: 3-channel radio w/2 micro servos, 10A ESC (min) & 9.6V 650mAh NiMH battery



**F6F Hellcat**  
Wingspan: 31.9 in  
Requires: 3-channel radio w/2 micro servos, 10A ESC (min) & 9.6V 650mAh NiMH battery



**Yard Stik™**  
Wingspan: 41 in  
Requires: 3-channel radio w/2 mini servos, 5A ESC (min) & 9.6V 650mAh AAA NiMH battery



No time to build? No flying field nearby? No problem: these park flyers offer the best in assembly ease and small-field flying. They're all factory-finished or covered. All (except the PT-19) include a motor and prop — and the **Lancair ES** also includes an ESC and an 1800mAh NiMH pack.

The **Yard Stik** offers a carbon-fiber boom, covered balsa wing and tail and simple, plug-in assembly. Factory paint and foam construction enhances the detail on the Navy **F4U-1A Corsair** and **F6F Hellcat** and the giant-scale size of the profile **YAK 55 3D**. A strong, painted fiberglass fuselage on the **Lancair ES** recreates the original's smooth, flowing lines. The **PT-19** uses a rollover pylon, gear covers and 3-panel windscreens to boost realism and a steerable tailwheel for easy ground control. Flight-ready in 30 minutes (or less), the **Mini Delta** lets experienced pilots enjoy high-speed maneuverability.

Lancair is a registered trademark of Lancair Inc.

Stock #	Description	Retail	Tower
GPMA1100	Yard Stik EP ARF 41" .....	\$69.99	\$49.99
GPMA1149	PT-19 EP ARF 41.4" .....	129.99	99.99
GPMA1157	F4U-1A Corsair EP ARF 32.5" ...	109.99	64.99
GPMA1159	F6F Hellcat EP ARF 31.9" .....	109.99	64.99
GPMA1165	Lancair ES EP ARF 43" .....	139.99	94.99
GPMA1172	Mini Delta EP ARF 19" .....	59.99	25.99
GPMA1190	YAK 55 3D EP ARF 33.5" .....	69.99	39.99

## **MIGLET™** МИГЛЕТ EDF JET ARF

It flies at 50+ mph and climbs at angles up to 60°! How? The secret is a 370 motor and HyperFlow™ ducted fan unit for power — and durable, painted EPS foam wings and fuselage. It takes just 1-2 hours to get flight-ready...and only one hand to send it aloft. A handgrip on the underside makes it possible — and winglets make rock-solid stability the rule anywhere in the air. A magnetically sealed hatch with vents keeps onboard gear protected and cooled simultaneously.

Stock #	Description	Retail	Tower
GPMA1866	MIGLET EP Ducted Fan ARF w/Fan & Motor 28" .....	\$139.99	\$59.99



**Top secret looks — "Top Gun" performance!**

Wingspan: 28 in • Wing Area: 210 in² • Weight: 11.6-13.9 oz  
Wing Loading: 8-9.6 oz/ft² • Length: 15 in  
Requires: 3+ channel radio w/2 micro servos & elevator mixing (or elevator mixer), 20A ESC (min) & 11.1V, 910mAh LiPo battery



## ElectriFly™ Seawind<sup>EP</sup> by Great Planes™

With the Seawind, any nearby pond or lake is a potential airstrip — and your first flight is just minutes away! Made of light, strong AeroCell™ foam, the Seawind is factory-finished and virtually all hardware already installed. The **Rx-R**™ comes with three servos, a brushless RimFire™ 400 outrunner motor and brushless SS-35 ESC installed, too. The **ARF** requires all three, but can still be assembled and in the air in just 2-3 hours. And whether in mid-air or on the water, your Seawind will offer the unique look of the original, right down to the last smooth, graceful line. Includes cradle for easy assembly and maintenance.

Stock #	Description	Retail	Tower
GPMA1169	Seawind Seaplane EP ARF 39.5".....	\$149.99	\$109.98
GPMA5750	Seawind Seaplane EP Rx-R 39.5".....	299.99	189.99

• Assembles in 2-3 hours!

Exotic seaplane looks with electric power ease!

Wingspan: 39.5 in • Wing Area: 234 in<sup>2</sup> • Weight: 24-26 oz  
Wing Loading: 14.8-16.0 oz/ft<sup>2</sup> • Length: 33.5 in  
Requires: 4+ channel radio w/3 micro servos, 950kV outrunner brushless motor, 25A brushless ESC (min) & 11.1V 910mAh LiPo battery

Seawind is a licensed trademark of Seawind/S.N.A., Inc. Seawind logo is used with permission of Seawind/S.N.A., Inc.

The fast, easy way to enjoy seaplane adventures!



Thrilling water takeoffs and landings — just a few hours away!

Wingspan: 53.5 in • Wing Area: 395 in<sup>2</sup> • Weight: 3.0-3.25 lb  
Wing Loading: 18-19 oz/ft<sup>2</sup> • Length: 34.25 in  
Requires: 4+ channel radio w/4 micro servos, two 950kV outrunner brushless motors, two 25A brushless ESCs (min) & 11.1V 2100mAh LiPo battery

## PBY CATALINA EP ARF

You can fly this R/C version of the legendary '30s military/sea rescue seaplane after only ten hours of easy assembly. The fiberglass fuselage is finished; the built-up wood wings and tail are covered; and the molded ABS wingtip floats are ready to attach. Add two outrunner brushless motors, two ESCs and a LiPo pack, and you have the power-to-weight edge you need for long flight times and basic aerobatics. The fuselage features a rubber plug for easy drainage — and the hardware package includes two each of props, adapters, machined aluminum prop hubs — and spare bubble observation canopies.

Stock #	Description	Retail	Tower
GPMA1154	PBY Catalina Seaplane EP ARF 53.5".....	\$199.99	\$129.99



## EDF JETS

Fast, futuristic...and fun!

The future is *now* and Synapse jets help you enjoy it faster. The **ARF** can be airborne in under an hour, but the **Rx-R**™ (Receiver-Ready) can be in the air in just 10 minutes! How? Both offer a light AeroCell™ foam airframe painted and decaled for instant admiration. The ARF comes with a HyperFlow™ fan unit installed. The Rx-R does too, but comes with two nano servos, an Ammo™ inrunner brushless motor and an SS-25 brushless ESC installed, too! They're great for grab-n-go sessions at a park or flying field, and ready for slow, stable flight — or breathtaking aerobatics — at your command.

Wingspan: 26.5 in • Wing Area: 168 in<sup>2</sup> • Weight: 12.5-13.5 oz  
Wing Loading: 10.7-11.6 oz/ft<sup>2</sup> • Length: 24 in  
Both require: 3+ channel radio w/elevator mixing & 11.1V, 910 mAh LiPo battery. ARF also requires two micro servos, 3500kV inrunner brushless motor & 25A brushless ESC (25A min)



Stock #	Description	Retail	Tower
GPMA1870	Synapse EDF ARF 26.5".....	\$99.99	\$49.99
GPMA6000	Synapse EDF Rx-R 26.5".....	199.99	139.98



Wingspan: 25 in  
Wing Area: 141 in<sup>2</sup>  
Weight: 17.5-18.5 oz  
Wing Loading: 17.9-18.9 oz/ft<sup>2</sup>  
Length: 31 in  
Both require: 3-channel radio & 11.1V, 910mAh LiPo battery. ARF also requires 3 micro servos & a 25A brushless ESC (min)



## EDF JETS

Ducted-fan speed — fighter jet style!

Boldly styled and brushless-equipped, the L39 offers assembly speed that equals its flight performance. The fighter-style fuselage and wings are molded from smooth, light AeroCell™ foam and factory-finished in a camo-style trim scheme. Magnets offer easy ways to access onboard electronics and attach the included armament for static display. Both versions include a HyperFlow™ ducted fan unit and a powerful Ammo™ 20-40-3500 inrunner brushless motor for blistering speeds and thrilling flights. The **Rx-R**™ adds to the ease with a factory-installed Silver Series SS-25 brushless ESC and three ES50 nano servos. Included armament is for display use only.

Stock #	Description	Retail	Tower
GPMA1869	L-39 Jet EDF ARF.....	\$139.99	\$99.98
GPMA6002	L-39 Jet EDF Rx-R 25".....	219.99	159.99





## FLATOUTS™ 3D EP ARFS

Looking for a low-cost, lightweight, nothing-but-fun aircraft that's ideal for spur-of-the-moment fun and extreme 3D aerobatics? That's what ElectriFly FlatOuts are all about! You can have your FlatOuts ready for flight after as little as 2-3 hours of easy assembly. There's no finishing because each FlatOuts foam flier is made from durable, pre-printed foam parts. And there's very little shopping to do, because most already include a 370 motor, gear drive, slow-flyer prop and prop saver. For maximum performance, upgrade to a RimFire™ 370 brushless outrunner, BL-8 ESC and a light, long-lasting 650mAh LiPo pack!

**All FlatOuts EXCEPT RC Universe include:** T-370 motor, gear drive, slow-flyer prop & prop saver

**All FlatOuts EXCEPT RC Universe require:** 4-channel radio w/3 micro servos, 10A ESC (min) & 11.1V, 640mAh LiPo battery

**RC Universe requires:** 4-channel radio w/3 micro servos, 1000kV outrunner brushless motor, 8A ESC (min) & 11.1V, 640mAh LiPo battery

Stock #	Description	Retail	Tower
GPMA1111	Flatana 3D EP Park Flyer ARF 36"	\$49.99	\$34.99
GPMA1112	CAP 580 Matt Chapman 3D EP ARF 36"	49.99	34.99
GPMA1114	Extra 300S 3D EP ARF 35.5"	49.99	34.99
GPMA1117	RC Universe Biplane 3D EP ARF 30.6"	49.99	34.99

## Slinger™ EP ARFS

The **Slinger ARF** and **Mini Slinger ARF** can be flight ready in just 20-30 minutes. The covered foam wings slide together on joiners, ready to be taped to the plastic center section. Install the included motor and your on-board gear, and you're ready to loop and roll! A formed cockpit and simulated engine nacelles combine with a delta wing design for B2 Bomber-like looks.

**Both include: motor and 2 props**

**Both require:** 3-4 channel radio w/mixing (or electronic mixer)

**Slinger requires 2 mini servos, 15A ESC (min) & 9.6V, 1100mAh NiMH battery**

**Mini Slinger requires 2 micro servos, 10A ESC (min) & 9.6V, 650mAh NiMH battery**

Stock #	Description	Retail	Tower
GPMA1178	Mini Slinger EP Flying Wing ARF 31.5"	\$49.99	\$39.99
GPMA1180	Slinger EP Flying Wing ARF 47.4"	79.99	54.99

**Wing it —  
for fast  
easy fun!**



## EP KITS

Most ElectriFly park flyers can be built in a weekend. The **BLT™ Basic Light Trainer** is a stable trainer, while the **Tutor™** offers more realism and the option of ailerons. The **Fundango™** features a fiberglass tube fuselage and oversized control surfaces for serious stunt power! Kits for the flying field include the **PT-E™**, which comes with a motor, switch harness, prop, spinner — and easy-to-fly **ElectriCUB™**.

**All kits require:** radio system, battery, charger, covering and (except for PT-Electric) motor and ESC. For full details, visit [www.towerhobbies.com](http://www.towerhobbies.com).

Stock #	Description	Retail	Tower
GPMA0001	BLT Basic Light Trainer Park Flyer Kit 42"	\$59.99	\$37.99
GPMA0002	Tutor Park Flyer Trainer Kit 44.75"	59.99	37.99
GPMA0050	Fundango Aerobatic Park Flyer Kit 35"	64.99	29.99
GPMA0110	PT-Electric Trainer Kit 56"	129.99	74.99
GPMA0156	ElectriCUB Kit 58.75"	119.99	79.99







- **Quality wood construction and traditional looks meet ultra-modern technology!**

You've probably seen and flown a glow-powered Stik. But it took ElectiFly to combine classic stik style with state-of-the-art brushless electric technology. Their lightweight wood airframes are factory-covered in a classic Stik trim scheme, complete to the bold, black Maltese cross on the wing. Both versions assemble quickly — and the **Rx-R** cuts assembly time to just an hour. The reasons? One is no gluing. All you need to do is bolt the horizontal and vertical stabilizers together, assemble the wing and make final adjustments. The other is that the Rx-R comes out of the box with a brushless RimFire™ .25 outrunner, SS-45 ESC and three ES80 micro servos already installed. And if you prefer to pick your own motor and accessories, the **ARF** version is ready and waiting. Either way you choose, you can expect the best in style, ease and pure performance!

## ELECTROSTIK™

Electric Sport Planes

**Wingspan: 52.5 in • Wing Area: 589 in² • Wing Loading: 11.7-13.6 oz/ft²**  
**Weight: 3-3.5 lb • Length: 46 in**  
**Rx-R requires: 4-channel radio w/receiver & 11.1V 3200mAh LiPo battery**  
**ARF also requires: 3 micro servos; 42-40-1000 outrunner brushless motor & 45A brushless ESC (min)**

Stock #	Description	Retail	Tower
GPMA1574	ElectroStik EP ARF 52.75".....	\$169.99	\$114.99
GPMA7500	ElectroStik EP Rx-R 52.75".....	329.99	239.97



## FLIGHTFLEX™ 3D EP ARFS

FlightFlex construction makes these 3D stars virtually indestructible and easy to assemble in just 2-4 hours! At under 36" in wingspan, they're perfect for parks and small fields. With the power from its ball bearing 280 motor, the versatile **U-Can-Do 3D ARF** can be a park flyer, a 3D trainer or both! The **YAK 55 ARF** moves you up into extreme 3D with a Speed Force™ 370 ball bearing motor. Both include gear drive and prop. Both require a 4-channel radio w/4 micro servos, 25A ESC (min) & 11.1V, 1200mAh LiPo battery.

U-Can-Do™ 3D		YAK 55 3D	
<b>Wingspan: 33.5 in • Wing Area: 369 in²</b>		<b>Wingspan: 34.5 in • Wing Area: 352 in²</b>	
<b>Weight: 15 oz • Length: 36.5 in</b>		<b>Weight: 14-16 oz • Length: 38 in</b>	
Stock #	Description	Retail	Tower
GPMA1274	YAK 55 3D FlightFlex EP ARF 34.5".....	\$99.99	\$79.99
GPMA1275	U-Can-Do 3D FlightFlex EP ARF 33.5".....	99.99	79.99



## FLYZONE™ EP RTFS

by Hobbico®

Radio-controlled, electric-powered and ready-to-fly!

Flyzone RTFs are not only fun, affordable and user-friendly — they're also easy to assemble and incredibly complete. All include a radio, motor and ESC as well as a NiMH battery, charger and spare prop. The tiny **Aero Scout** turns small spaces into impromptu flying sites. Its unique radio gives you a trigger for throttle control, a knob for rudder and a charger for the battery pack. The 3-channel **Ventura**™ and **Sky Pilot** offer much larger wingspans, plus "how-to" DVDs to help you get flying faster. All require 8 "AA" alkaline batteries.

Stock #	Description	Retail	Tower
HCAA1985	Sky Pilot EP RTF 34.8".....	\$179.99	\$104.98
HCAA1990	Aero Scout EP RTF 16".....	49.99	34.99
HCAA2010	Ventura EP RTF 39.75".....	199.99	109.98



## HOBBICO®

### NexSTAR EP Select BRUSHLESS RTF



**The ultimate  
trainer goes  
brushless!**

The NexSTAR 46 redefined the idea of what a glow-powered RTF trainer could be — and the NexSTAR EP has done the same for electrics. Like the original, it offers innovations that provide first-time fliers with more assistance than any other electric. But with the brushless power system onboard, it also ensures that the quickest and quietest way to learn to fly is also one of the most powerful. The included RimFire outrunner offers the power of a .30 glow engine, yet also requires virtually no equipment or minimal maintenance. Learning aids include a Futaba® 6EXA computer radio with trainer system and the PA-2 Pilot Assist Link, plus a special edition of RealFlight® that lets you “fly” your NexSTAR on your Windows® PC. And with all this, the NexSTAR also offers you the unequalled support of the Hobbico Success Guarantee.\* And all it takes is just 2 tools and 20 minutes to get the NexSTAR ready for your first flight.

\* See <http://www.hobbiconexstar.com/nexstar-ep/success.html> for full details.

#### Includes:

- Futaba® 6EXA 6-Channel Computer Radio System with PA-2 Pilot Assist Link!
- ElectriFly™ RimFire™ .32 Outrunner Brushless Motor
- SS-45 D Brushless ESC
- NexSTAR edition of Great Planes® RealFlight® R/C Flight Simulator

Wingspan: 68.5 in • Wing Area: 722 in² • Weight: 7-8.5 lb  
Wing Loading: 22-27 oz/ft² • Length: 56 in  
Requires: Two 9.6V, 3600mAh NiMH batteries & peak charger

Stock #	Description	Retail	Tower
HCAA09**	NexSTAR Select Brushless RTF, 68.5" .....	\$599.99	\$429.99

## FLYZONE™ by Hobbico®

### SKYFLY 2™ EP RTF 2.4GHz

**Start  
flying today!**

The SkyFly 2 is the *perfect* first radio-control airplane. It can be ready to fly in minutes, so there's no wait. It comes with almost everything you need to fly, so there's no need to shop. And it's easy to fly, to make learning to fly fast, easy...and most of all, fun!

And to make sure that the fun never stops, the SkyFly 2 now includes a 2.4GHz Tactic radio system. The Tactic doesn't need a crystal and you don't have to wait for a frequency to free up. That's because the Tactic doesn't broadcast on just *one* frequency; instead, it hops from frequency to frequency hundreds of times per second. And because it does, it's never on one frequency long enough for other radios or signals to cause interference. It's the most advanced radio technology available — so advanced that you'll want to use it when you move up to other planes in the future.

It's a dependability advantage for SkyFly 2 pilots, and part of a complete start-up package that also includes:

- Powerful 380-size motor
- Electronic Speed Control with auto cutoff
- Rechargeable 8.4V 900mAh NiMH battery
- 12V DC peak charger with AC adapter

Wingspan: 42 in  
Wing Area: 186 in²  
Weight: 19.2 oz  
Wing Loading: 14.9 oz/ft²  
Length: 30.75 in  
Requires: 4 "AA" batteries

**Now includes a Tactic™  
2.4GHz radio system with**

## SLT™ SECURE LINK TECHNOLOGY

With Secure Link Technology onboard, signals from other radios can't cause interference. Your receiver is bound to your transmitter, which effectively blocks out any signals...except yours!



Stock #	Description	Retail	Tower
HCAA2510	SkyFly 2 EP 2.4GHz RTF, 42" .....	\$149.99	\$129.99



## HOBBICO®

### NexSTAR EP Select BRUSHLESS RTF



**The ultimate  
trainer goes  
brushless!**

The NexSTAR 46 redefined the idea of what a glow-powered RTF trainer could be — and the NexSTAR EP has done the same for electrics. Like the original, it offers innovations that provide first-time fliers with more assistance than any other electric. But with the brushless power system onboard, it also ensures that the quickest and quietest way to learn to fly is also one of the most powerful. The included RimFire outrunner offers the power of a .30 glow engine, yet also requires virtually no equipment or minimal maintenance. Learning aids include a Futaba® 6EXA computer radio with trainer system and the PA-2 Pilot Assist Link, plus a special edition of RealFlight® that lets you “fly” your NexSTAR on your Windows® PC. And with all this, the NexSTAR also offers you the unequalled support of the Hobbico Success Guarantee.\* And all it takes is just 2 tools and 20 minutes to get the NexSTAR ready for your first flight.

\* See <http://www.hobbiconexstar.com/nexstar-ep/success.html> for full details.

#### Includes:

- Futaba® 6EXA 6-Channel Computer Radio System with PA-2 Pilot Assist Link!
- ElectriFly™ RimFire™ .32 Outrunner Brushless Motor
- SS-45 D Brushless ESC
- NexSTAR edition of Great Planes® RealFlight® R/C Flight Simulator

Wingspan: 68.5 in • Wing Area: 722 in² • Weight: 7-8.5 lb  
Wing Loading: 22-27 oz/ft² • Length: 56 in  
Requires: Two 9.6V, 3600mAh NiMH batteries & peak charger

Stock #	Description	Retail	Tower
HCAA09**	NexSTAR Select Brushless RTF, 68.5" .....	\$599.99	\$429.99

## FLYZONE™ by Hobbico®

### SKYFLY 2™ EP RTF 2.4GHz

**Start  
flying today!**

The SkyFly 2 is the *perfect* first radio-control airplane. It can be ready to fly in minutes, so there's no wait. It comes with almost everything you need to fly, so there's no need to shop. And it's easy to fly, to make learning to fly fast, easy...and most of all, fun!

And to make sure that the fun never stops, the SkyFly 2 now includes a 2.4GHz Tactic radio system. The Tactic doesn't need a crystal and you don't have to wait for a frequency to free up. That's because the Tactic doesn't broadcast on just *one* frequency; instead, it hops from frequency to frequency hundreds of times per second. And because it does, it's never on one frequency long enough for other radios or signals to cause interference. It's the most advanced radio technology available — so advanced that you'll want to use it when you move up to other planes in the future.

It's a dependability advantage for SkyFly 2 pilots, and part of a complete start-up package that also includes:

- Powerful 380-size motor
- Electronic Speed Control with auto cutoff
- Rechargeable 8.4V 900mAh NiMH battery
- 12V DC peak charger with AC adapter

Wingspan: 42 in  
Wing Area: 186 in²  
Weight: 19.2 oz  
Wing Loading: 14.9 oz/ft²  
Length: 30.75 in  
Requires: 4 "AA" batteries

**Now includes a Tactic™  
2.4GHz radio system with**

## SLT™ SECURE LINK TECHNOLOGY

With Secure Link Technology onboard, signals from other radios can't cause interference. Your receiver is bound to your transmitter, which effectively blocks out any signals...except yours!



Stock #	Description	Retail	Tower
HCAA2510	SkyFly 2 EP 2.4GHz RTF, 42" .....	\$149.99	\$129.99



## FLYZONE™

by Hobbico®

### ELECTRIC RTFS

Now with a **Tactic**  
2.4GHz Radio System  
featuring

**SLT**™  
SECURE LINK TECHNOLOGY



## PIPER J-3 CUB 2.4GHz

Wingspan: 38.1 in (970 mm)  
Length: 26 in (660 mm)  
Requires: 4 "AA" batteries



## Cessna® 182 SKYLANE™

### 2.4GHz

Wingspan: 34.8 in  
Length: 27.5 in  
Requires: 4 "AA" batteries

**Convenient, fun and  
equipped for 2.4GHz  
dependability!**



### The 2.4GHz difference!

The 2.4GHz Tactic™ TTX440 avoids interference by changing frequency hundreds of times a second. This makes the Tactic TTX440 one of the most dependable systems available...and one you'll want to "take along" when you move on to other aircraft!

These planes were already Flyzone favorites for ease and affordability. But now, they're the new standard in convenience and dependability, too.

They arrive fully assembled, and so well equipped that they require only four "AA" batteries. A battery and charger are included. The foam airframe is factory-finished. And virtually all other onboard equipment is already installed. Apply decals and charge the pack...and you're ready for takeoff!

And with the Tactic™ 2.4GHz radio system, you can start flying anytime. You don't need to wait for a channel to free up — and you don't need crystals or frequency pins, either. You're free to enjoy the looks and performance without restrictions...and there's a lot to enjoy.

Three micro servos, a powerful 380 motor and full, 4-channel control give you the power and smooth control for loops, rolls, dives and banking turns. The included ESC offers smooth throttle action and automatically cuts flying power to ensure safe landings.

Realistic looks, ready-to-fly ease and 2.4GHz control make these airplanes solid choices for easy, affordable sport flying.



**Secure Link Technology eliminates interference and crystals! The receiver is bound to the transmitter at the factory, so it blocks out other signals — and responds only to yours!**

**Both include:**

- **ElectriFly™ 8.4V, 1100mAh NiMH battery pack & DC peak charger**

**And all of these are included and installed!**

- **Tactic 2.4GHz receiver**
- **3 Tactic micro servos**
- **380 motor**
- **ESC w/auto cutoff**

Stock #  
HCAA2500  
HCAA2505

Description

Piper J-3 Cub EP 2.4GHz RTF, 38.1" ..... **3 PAY \$56.66**  
Cessna 182 EP 2.4GHz RTF, 34.8" ..... **3 PAY \$56.66**

Retail  
\$199.99  
199.99

**Tower**  
**\$169.98**  
**169.98**



**FLYZONE™**  
by Hobbico®

**Classic style  
meets brushless  
performance!**

## Cessna® 182 SKYLANE® SELECT SCALE™ ELECTRIC AIRPLANES



The included lighting system adds authentic looks... but no work!

With the Cessna, you can buy it for the way it looks or the way it flies...and get an easy-to-assemble bargain either way. Tinted windows, corrugated control surfaces and a 7-LED lighting system add real-life looks and detail to a finished AeroCell™ fuselage and body. Drop-hinge flaps give you the option for shorter takeoffs and slower touchdowns — and a steerable nosewheel and working shock — combine for easier handling in the air and on the ground. The **Rx-R™** includes a powerful brushless motor, 18A Tactic brushless ESC and four Tactic servos already in place. The **RTF** expands the convenience, equipment and value by adding a 5-channel Tactic™ FM radio, 11.1V 1800mAh LiPo battery pack and an ElectriFly™ AC/DC balancing LiPo charger.

Wingspan: 47.5 in • Weight: 37 oz  
RTF requires: 8 "AA" alkaline batteries. Rx-R also requires a 5-channel radio w/receiver and four servos & 11.1V 1800mAh LiPo battery

Stock #	Description		Retail	Tower
HCAA2525	Cessna 182 Skylane EP Rx-R 47.5" .....	3 PAY \$56.66	\$199.99	\$169.98
HCAA42**	Cessna 182 Skylane Select EP RTF 47.5" .....	3 PAY \$83.33	299.99	249.99

**HOBBICO®**

**SUPERSTAR™ EP ARF**  
Ready-to-Fly Electric RC Trainer

Wingspan: 48.8 in • Wing Area: 402 in²  
Weight: 2.7 lb • Wing Loading: 16.1 oz/ft²  
Requires: 4-channel radio w/3 servos

• The fast track to clean, quiet, successful first flights!



**Battery, motor & ESC included!**

With the SuperStar EP ARF, you can enjoy your first successful flight on the same day you open the box! Virtually all building is already done for you: the all-wood airframe is built and professionally covered in a colorful film covering. Most hardware is included to minimize shopping and installed to save on assembly time. And a top-notch power system is already included. It includes an ElectriFly™ T-601 motor and ESC, an 8.4V, 2100mAh NiCd battery — and even a prop. You can be on the flight line in as little as 3-5 hours, even if you've never assembled an airplane before. And once you're in the air, you'll discover why the SuperStar trainer is so popular. It's more than easy handling. Its flat-bottom wing keeps it stable at low speeds, yet generates a huge amount of lift. Ailerons allow you to step up to beginning aerobatics — and still enjoy the same gentle handling!

Stock #	Description		Retail	Tower
HCAA2052	SuperStar EP ARF w/Ailerons 48.75" .....	2 PAY \$57.49	\$159.99	\$114.98



# www.towerhobbies.com



**Tower Hobbies:**  
low prices, top value,  
outstanding selection  
and award-winning  
service!

Available  
to online  
orders!

**PayPal**



Top Flite®  
Cessna 310 Twin  
ARF



## GET STARTED!

Get started in R/C the right way, with [www.EasyRC.com](http://www.EasyRC.com)! EasyRC.com offers the beginner in R/C a comprehensive yet easy-to-understand guide to the R/C hobby. Specific product recommendations make it simple to choose the right model for a great start in the wonderful hobby of R/C.

Tower Hobbies  
**www.easyrc.com**

## GREAT DEALS!

Sign Up on the web for our E-mail Newsletters and you'll never miss out on a great deal!

Request an  
**E-mail Newsletter**

**SAVE MONEY!** Get special offers via e-mail  
Enter your e-mail:

## Six reasons to shop Tower Hobbies first!

- 1** The #1 R/C web site for over ten years — and winner of nine consecutive Platinum Awards from BizRate.com for e-tailing excellence!
- 2** Protects your personal information with today's best state-of-the-art security technology, so you can shop with confidence.
- 3** Offers a selection of over 60,000 products selected from the world's best and most respected manufacturers.
- 4** Fast and easy to use — Our powerful search engine speeds you to the products you want with point-and-click ease!
- 5** Well known for low prices and for offering the best values in R/C.
- 6** Offers the services of a Customer Information Center, so you can track your order's progress online, anytime!

Tower Hobbies®  
Nitro TOWER  
Terror MT



**Order Only • 800-637-4989**  
**Order Assistance • 800-637-6050**  
**www.towerhobbies.com**



# AIRPLANES — ELECTRIC

## DUMAS® EP KITS

All Dumas park flyers offer quality stick & color tissue construction, plus laser-cut balsa, vacuum-molded plastic parts, lightweight foam wheels and hardware. Choices include the 42" span **DeHavilland DH-89** – one of the most popular passenger planes of the 1930s – and the 36" span **Pietenpol Air Camper**, with a design taken straight from the 1932 manual. 40" span flyers include the **L-19 Bird Dog**, which is an exact scale replica of the Cessna® warbird and the **Pacer**, which brings mid-1950s flying to life. All require a 3-channel radio w/2-3 micro\* servos, motor, gear drive, ESC, battery and charger. \*Note: the Pietenpol requires standard servos.



		RETAIL	TOWER
DUMA1803	1803 Pietenpol Air Camper Kit 36" .....	69.95	47.99
DUMA1805	1805 Waco ARE Kit 35" .....	64.95	49.99
DUMA1806	1806 Pilatus Porter Kit 40" .....	64.95	49.99
DUMA1810	1810 Tiger Moth Kit 35" .....	69.95	48.99
DUMA1811	1811 Pacer Kit 40" .....	69.95	48.99
DUMA1817	1817 Stinson Voyager Kit 40" .....	64.95	46.99
DUMA1804	1804 L-19 Bird Dog Kit 40" .....	67.95	49.99
DUMA1807	1807 Waco YMF5 Kit 35" .....	69.95	48.99
DUMA1815	1815 DeHavilland DH-89 Kit 42" .....	72.95	52.99
DUMA1816	1816 Spad XIII Kit 42" .....	72.95	52.99

## ESTES® SKY RANGERS BLUE ANGELS ROG EP RTF



You'll feel like a real stunt pilot flying this ROG (Rise Off Ground) RTF across the wild blue yonder! Twin engines and damage-resistant, 31.5" span wings take you up to 750 feet in the air, while a beginner-friendly radio provides full-function flight control. Authentic Blue Angels markings round out the performance pluses. Assembles in minutes – provides hours of adventure! Requires 8 "AA" batteries.

ESTA4148	4148 Blue Angels ROG 31.5" .....	99.99	79.99
----------	----------------------------------	-------	-------

## ESTES® TURBO THRUSTER® JET ARF



High-performance turbine jet power propels the 23" span Turbo Thruster into spectacular maneuvers! Its light, durable foam construction can survive countless crash landings, and the included NiMH battery provides the power you demand. A 2-channel radio w/built-in charger gives you up to 5 minutes of flight time per charge. Requires 8 "AA" batteries.

ESTA4439	4439 Turbo Thruster Jet ARF 23" .....	74.99	49.99
----------	---------------------------------------	-------	-------

## GWS CARGOTRANS EP ARF



Ideal for intermediates, this 44" span flyer lets you experience U.S. Air Force-worthy thrills in your own backyard! Includes four EDP50 direct-drive motors, four EP3020 3x2 props and one-piece foam wings. Requires an 8A ESC (min.), a 4-channel radio with 4 nano servos, a 7.2-8.4V 450-750mAh NiMH battery or a 7.4V 1050-1300mAh LiPo battery and charger.

GWSA1084	CARGOTRANS-Q Cargotrans ARF w/4 EDP-50H 44.1" .....	89.25	89.25
----------	---	-------	-------

## GWS SLOW STICK ARFS

Designed with the beginner in mind, assembled GWS Slow Stick offer the excitement of small-scale electric flight at a laid-back pace. Based on the popular Pico Stick indoor flyer, the 46.3" span Slow Stick is big enough to withstand light winds, yet slow enough to fly almost anywhere. Super-simple construction means you'll be flying in no time at all! See [www.towerhobbies.com](http://www.towerhobbies.com) for full requirements.



		RETAIL	TOWER
GWSA1005	SLOWSTICK-EPS30 SS PF EP ARF w/EPS-300C/BB 46.3" .....	40.00	40.00
GWSA1006	GWAE0018J Slow Stick PF EP ARF w/EPS-400C/BB 46.3" .....	40.00	40.00
GWSA1007	GWAE0018I NPS Slope Glider Park Flyer EP ARF 46.3" .....	28.00	28.00
GWSA1030	GWAE0018F Slow Stick NPS Yellow 46.3" .....	28.00	28.00
GWSA1095	GWAE0018 Slow Stick ARF w/EPS300C Yellow 46.3" .....	40.00	40.00
GWSA1104	GWAE0018A Slow Stick ARF w/EPS400C Yellow 46.3" .....	40.00	40.00

## GWS TIGER MOTH EP ARFS

The original Tiger Moth helped thousands of British WWII pilots learn flight fundamentals. These foam R/C versions offer the original's scale look and characteristic performance. The 31.5" span **Pico Tiger Moth** and 37.8" span **Big Tiger Moth** are ideal for intermediates and experts, indoors or outdoors. Both include motor and gear drive. Both are also available as **Slope Gliders**. See [www.towerhobbies.com](http://www.towerhobbies.com) for requirements.



GWSA1012	GWAE0022 Pico Tiger Moth NPS Yellow ARF 31.5" .....	42.00	42.00
GWSA1013	P-TM-C/Y Pico Tiger Moth ARF Yellow 31.5" .....	50.75	50.75
GWSA1015	P-TM-SG Pico Tiger Moth Slope Glider PF ARF 31.5" .....	32.00	32.00
GWSA1016	TM-EPS4006/Y Big Tiger Moth ARF Yellow 37.8" .....	77.00	77.00
GWSA1017	GWAE0012A Big Tiger Moth Slope EP ARF 37.8" .....	50.00	50.00

## GWS WARBIRD EP ARFS

Experience edge-of-your-seat warbird fun right in your own backyard with these easy-to-fly **Park Flyers** and **Slope Gliders** from GWS! Common features include easy interlocking foam construction, one-piece foam wings, clear canopies and complete hardware. Park flyers include motor and require an ESC. All require a radio w/servos, a NiCd/NiMH battery and charger. See [www.towerhobbies.com](http://www.towerhobbies.com) for complete requirements.



GWSA1019	ZERO-EPS-350C/G ARF BB Green 33.5" .....	57.75	57.75
GWSA1020	GWAE0013B Zero Fighter Slope Glider ARF 33.5" .....	45.00	45.00
GWSA1021	P51D-350C/S P-51D Mustang ARF Silver 34" .....	56.00	56.00
GWSA1022	GWAE0009A P-51D Mustang Slope Glider ARF 34" .....	45.00	45.00
GWSA1028	SPITFIRE-EPS350 Spitfire ARF Green 34.5" .....	56.00	56.00
GWSA1029	GWAE0011A Spitfire Slope Glider ARF 34.5" .....	45.00	45.00
GWSA1046	ME109-EPS350C/G Me109 ARF Gray 35.4" .....	56.00	56.00
GWSA1057	GWAE0007A F4U Slope Glider ARF 35.5" .....	45.00	45.00

## GWS FORMOSA EP ARFS



The 35.4" span **F3A Formosa** is great for intermediate/expert flyers seeking thrilling aerobatics! The **Park Flyer** version comes assembled, with a potent 370 motor with bearings, gear drive, plastic cowl and landing gear. Requires a 20A ESC. **Slope Gliders** include the original F3A Formosa and the larger, 42.5" span **Formosa II**. All require a 3-5 channel radio w/3-4 mini servos, battery and charger.

GWSA1053	FORMOSA-EPS350C Formosa PF ARF 35.4" .....	50.00	50.00
GWSA1054	GWAE0015 Formosa Slope Glider ARF 35.4" .....	42.00	42.00
GWSA1076	GWAE0002 Formosa II Slope Glider EP ARF 42.5" .....	65.00	65.00



## MULTIPLEX®



## EP AIRPLANES

There's a Multiplex plane for every pilot — and all are made from super-tough Elapor® foam for great looks and long-lasting performance.

Assembly is quick and easy from just a handful of molded parts. Many powered models (Easy Star, MiniMag, Twin Star II and Magister) include the motor(s) and prop(s) required for flight. All RTF versions come with a radio system, ESC, battery and charger, and all (except the MiniMag) feature a quality Hitec® transmitter.

Trainers include the super-stable **Easy Star** in kit and RTF versions; .40-size **Mentor** kit, **MiniMag** kit and RTF, **Easy Cub** ARF and dual motor **Twin Star II** kit. RR versions of the Easy Star, Twin Star II, Mentor and Easy Cub come "receiver-ready" with servos and an ESC included.

If you prefer sport models, kit choices include the versatile **AcroMaster**, super-fast **FunJET**, and nostalgic **Gemini Biplane**, or combine 3D aerobatics plus ARF convenience in the **ParkMaster 3D**.

The 33" span **Twister** kit delivers turn-and-burn ducted fan jet excitement — or you can chase thermals with such glider offerings as the **Cularis**, **Easy Glider Pro**, high-performance **Blizzard**, sporty **Merlin** and futuristic-looking **Xeno**. All can be assembled as a pure glider or powered glider (electric power package sold separately).

For full details on all of these models as well as the convenient, compatible **Power Packs**, **Flight Packs**, and **Servo Packs** available from Multiplex, enter the stock numbers shown at [www.towerhobbies.com](http://www.towerhobbies.com).

See [www.towerhobbies.com](http://www.towerhobbies.com)

for compatible  
**Power and Flight Packs!**



**FunJET Kit**  
Wingspan: 31.5 in



**Easy Star RTF**  
Wingspan: 54 in



**Blizzard ARF**  
Wingspan: 54 in  
Note: Does not include motor and prop



**AcroMaster Kit**  
Wingspan: 43 in



**Merlin ARF**  
Wingspan: 31 in



**Xeno ARF**  
Wingspan: 50 in



**Mentor RR**  
Wingspan: 64.2 in



**Easy Cub RR**  
Wingspan: 55 in

### AIRPLANES

MPUA1303	Easy Star EP RTF 54"	\$189.99
MPUA1307	Space Scooter RTF 32.5"	149.99
MPUA1309	MiniMag RTF 39.75"	199.99
MPUA2107	Easy Electric Glider Kit 71"	79.99
MPUA2110	Twin Star II Kit 56"	99.99
MPUA2115	AcroMaster Kit 43"	132.99
MPUA2118	Cularis Electric Glider ARF 102.75"	184.99
MPUA2121	MiniMag Kit 39.75"	72.99
MPUA2122	Twister Ducted Fan Jet Kit 33.5"	199.99
MPUA2126	Easy Glider Pro Kit Glider or Electric 71"	109.99
MPUA2128	Mentor Airplane Kit 64.2"	139.99
MPUA2137	Merlin ARF 31"	79.99
MPUA2139	Xeno ARF 49"	69.99
MPUA2142	Gemini Biplane EP ARF 36.2"	106.99
MPUA2143	FunJET Kit 31.29"	72.99
MPUA2192	Easy Star Kit 54"	72.99
MPUA2211	MiniMag RR Kit 39.75"	129.99
MPUA2230	Fox Throw Glider 19.7"	14.99
MPUA2231	ParkMaster 3D ARF 37.8"	117.99
MPUA2233	Blizzard ARF 54.3"	144.99
MPUA2235	Easy Cub ARF 55"	99.99
MPUA2607	Easy Glider Electric RR ARF 71"	159.99
MPUA2610	Twin Star II RR Kit 56"	149.99
MPUA2628	Mentor RR ARF 65"	379.99
MPUA2642	Easy Cub RR ARF 55"	229.99
MPUA2692	Easy Star RR ARF 54"	122.99

### FLIGHT, POWER, SERVO & BATTERY PACKS

MPUG3210	Power Pack Twin Star II	159.99
MPUG3211	Power Pack MiniMag/Easy Star	79.99
MPUG3213	Power Pack FunJet	139.99
MPUG3215	Power Pack AcroMaster	139.99
MPUG3226	Power Pack Easy Glider Pro	145.99
MPUG3228	Power Pack Mentor	147.99
MPUG3255	Tuning Power Set Xeno	169.99
MPUG3653	Power Pack Merlin	109.99
MPUL9211	Flight Pack Micro 05 Rx/X-16 ESC/2 HS-55s	79.99
MPUL9213	Flight Pack Mini 6S Rx/2 HS-65HB Servos	86.99
MPUL9226	Flight Pack Easy Glider Pro	103.99
MPUL9228	Flight Pack Mentor	95.99
MPUL9318	Power Set Cularis	147.99
MPUL9918	Flight Pack Cularis	139.99
MPUL9924	Flight Pack Gemini	83.99
MPUM8213	Servo Pack AcroMaster	119.99
MPUM8218	Servo Pack Cularis	224.99
MPUM8222	Servo Pack Twister	93.99
MPUM8224	Servo Pack Gemini	87.99
MPUM8226	Servo Pack Easy Glider Pro	77.99
MPUM8228	Servo Pack Mentor	69.99
MPUM8231	Servo Pack ParkMaster	122.99
MPUM9233	Servo Pack Blizzard	107.99



# AIRPLANES — ELECTRIC

## GWS E-STARTER EP ARFS

The 37.8" span E-Starter is the perfect beginner's plane. Assembled and compact, both feature foam construction, a molded radio compartment, a high wing flat-bottom airfoil and landing gear. The **ARF** includes an efficient EPS-400C motor with gear drive – the **NPS** version requires one. Both require a 3-4 channel radio w/3 micro servos, 20A ESC, battery and charger.

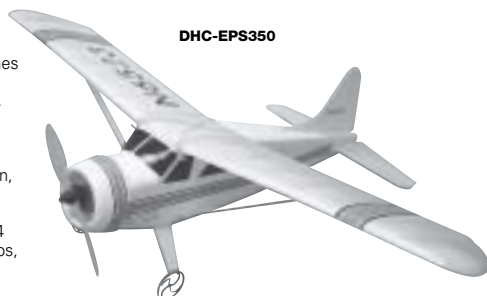


GWAE0014A

		RETAIL	TOWER
GWSA1026	GWAE0014A E-Starter EP ARF w/EPS400C/BB 37.8" .....	45.00	45.00
GWSA1027	GWAE0014 E-starter NPS w/Landing Gear White 37.8" .....	40.00	40.00

## GWS BEAVER EP ARFS

Designed for beginner/intermediate pilots, the 40" span DCH-2 **Park Flyer** comes with a compact EPS-350C motor for impressive power. Requires a 10A ESC (min.). If you prefer to hand-launch your flyers, try the **Slope Glider**! All-foam construction, complete hardware and a plastic cowl on both speed assembly. Both require a 3-4 channel radio w/2 mini servos, battery and charger.



DHC-EPS350

GWSA1024	DHC-EPS350 Park Flyer Beaver ARF 39.8" .....	45.00	45.00
GWSA1025	GWAE0016 Beaver Slope Glider ARF 39.8" .....	38.00	38.00

## HOUSE OF BALSA® T-6 TEXAN MICRO EP KIT

Laser-cut parts allow the 35.3" span T-6 Texan Micro EP Kit to be a fast, easy build! Feature balsa/ply construction, full-size rolled plans, complete Du-Bro® hardware and self-adhesive decals. Requires a 400-size motor, an ESC, a 4-channel radio with 3 micro servos, prop, wheels, 1 roll of MonoKote® film, battery and charger.



HOUA1062	K62 Micro Electric T-6 Texan Kit 35.25" .....	74.95	62.99
----------	---	-------	-------

## HOUSE OF BALSA® ACROBATIC CUB EP KIT

Flying is easy, especially with the simple, 52.5" span Schoolyard-Scale Acrobatic Cub! Features include durable balsa/ply construction, a complete Du-Bro® hardware package, full-size rolled plans and self-adhesive decals. Requires a 400-size motor, ESC, a 4-channel radio with 3 micro servos, prop, wheels, 1 roll of MonoKote® film, battery and charger.



HOUA1072	K71 Electric Acro Cub Schoolyard Kit 52.5" .....	79.95	66.99
----------	--	-------	-------

## HOUSE OF BALSA® P-51D MUSTANG EP KIT



You don't have to be an expert on warbirds to enjoy flying this 46.5" span P-51D Mustang kit from House of Balsa! Features high-quality balsa/ply construction, a complete Du-Bro® hardware package, full-size rolled plans and self-adhesive decals. Requires a 400-size motor, a 4-channel radio with 4 micro servos, prop, wheels, 2+ rolls of MonoKote® film, battery and charger.

HOUA1082	K72 Electric P-51D Mustang Kit 46.5" .....	RETAIL 109.95	TOWER 91.99
----------	--	---------------	-------------

## HERR PIPER J-3 CUB PARK FLYER KIT



Easy to assemble and fun to fly! Features laser-cut balsa wood parts, tab-and-notch construction for quick and easy assembly, high-quality hardware, a prop, landing gear wire and wheels. Requires a direct-drive 280 motor, a 3-channel radio w/3 micro servos, a 5A speed control and an 8.4V 270mAh NiCd or 750mAh NiMH battery.

HRRA3302	HRR302 Piper J-3 Cub Kit 35.52" .....	44.99	29.99
----------	---------------------------------------	-------	-------

## VENOM™ X-28 EP RTF

Durable EPP foam keeps the 11.2" span X-28 light, yet strong enough to withstand crashes indoors or out. Its high-lift X-wing design ensures maximum lift – even at slow speeds! Control comes courtesy of a variable-speed, dual-motor power system and a 2-channel radio w/built-in charger – just let the micro LiPo battery charge for ten minutes and take off! Requires 6 "AA" batteries.



6005B

VNRA6005	6005B X-28 Blue RTF 11.2" .....	59.99	39.99
----------	---------------------------------	-------	-------

## VENOM™ MICRO DRONE EP RTF

With its compact, 6-inch length and light 0.3 oz. weight, the Micro Drone EP RTF is the ideal indoor flyer! A high-lift wing generates maximum amounts of lift so that it's easy to control, and each charge allows you 7-10 minutes of flight time. Features a micro LiPo battery power system w/charger and durable EPP foam construction with pre-applied decals. Requires six "AA" batteries.



VNRA6006	VENF-6006 Micro Drone EP RTF 8.3" .....	59.99	39.99
----------	---	-------	-------

## TUFF BIRDS™ QUANTUM FLYER

**Exciting flying action as easy as 1-2-3!**

Take it out of the package, pull the cord — and watch as the Quantum Flyer soars up to 35 feet into the sky! There's nothing to assemble. The launcher is made of durable plastic, and the foam pilot figure stands up to hundreds of flights.

**Total Height: 6.5 in**  
**Total Width: 8.5 in**  
**Prop Diameters: 4 in**



Stock #	Description	Tower
RMXA3491	Quantum Flyer Red .....	\$12.99
RMXA3492	Quantum Flyer Yellow .....	12.99

## TUFF BIRDS™ GLIDERS

Revell gives inexpensive balsa freeflights a hot new look! These planes go together in minutes without any glue or finishing needed — each is already detailed with vibrant color. Just hand-launch to fly! **Sky Soarer**, **Stratosphere** and **Super Stratosphere** include rubber band and plastic prop for powered piloting fun that any age can enjoy.



Stock #	Description	Tower	Stock #	Description	Tower
RMXA3428	Jet Glider .....	\$1.59	RMXA3433	Biplane Glider Set (2) ..	\$3.79
RMXA3429	Biplane Glider .....	2.49	RMXA3520	Revell Glider .....	1.49
RMXA3430	Stratosphere Glider .....	2.99	RMXA3521	Sky Soarer .....	2.89
RMXA3432	Jet Glider Set (2) .....	2.99	RMXA3523	Super Stratosphere .....	3.99

## DUMAS® FREE FLIGHT AIRPLANES

Dumas has merged the modeler's art with modern tech to create kits that modelers of all ages can enjoy. All offer the building satisfaction of stick & tissue construction, plus the ease and accuracy that laser-cut balsa and vacuum-molded plastic parts can provide. Full-size plans and clear instructions pave the way for progress. Self-adhesive decals and lightweight, colorful tissue offer good looks; FAI Tan II contest rubber and prop contribute exciting performance power. Choices include the **DH-4**, **Taylorcraft** and **Aeronca C-3**, which offer hours of electric-powered, park flyer fun.



		RETAIL	TOWER
DUMA0202	202 Piper Cub Coupe 17.5" .....	21.95	15.19
DUMA0208	208 Tiger Moth 17.5" .....	22.95	16.99
DUMA0213	213 Corsair 17.5" .....	25.95	18.99
DUMA0222	222 Fokker E111 17.5" .....	22.95	20.69
DUMA0305	305 Curtiss SBC3 Helldiver 30" .....	52.95	43.99
DUMA0308	308 Fieseler 156 Stork 30" .....	42.95	36.99
DUMA0309	309 F8F-2 Bearcat 30" .....	52.95	36.99
DUMA0324	324 P-38F/M Lightning 30" .....	64.95	45.99
DUMA0402	402 Gilmore Red Lion Racer 24" .....	49.95	34.99
DUMA0404	404 Super Marine S.6B 24" .....	49.95	34.99
DUMA0405	405 Hall's Bulldog 24" .....	49.95	34.99
DUMA0406	406 Gee Bee Z 24" .....	49.95	34.99
DUMA1812	1812 DH-4 Park Flyer Kit 35" .....	69.95	48.99
DUMA1813	1813 Aeronca C-3 Kit 40" .....	65.95	46.99
DUMA1814	1814 Taylorcraft Kit 24" .....	65.95	44.99

## ZOOM COPTER

• Hand-launchable heli requires no batteries.

Why buy batteries or motors? Zoom Copter flies on muscle power alone — and even a 5 year-old can send it soaring. Give the spring-action handle a quick pull, and tri-rotor blades will lift Zoom Copter up to 100' in the air; tough, injection-molded plastic fuselage is designed to outlast scores of beginners' flights.



Z00A1000	919 Zoom Copter 14.5" .....	8.49	7.99
----------	-----------------------------	------	------

# Revell

## CRAZY WINGS™ FREE FLIGHTS

These compact electric foam free flights are nearly ready to launch right out of the package — and soar up to 35 feet on single charge. Recharge in seconds for another adventure. Choose the fiery **Dragon** or infectious **Biologic**. Each comes fully assembled and includes a controller with built-in charger. Only two "AA" alkaline batteries are required.



Stock #	Description	Tower
RMXA3293	Dragon FF 7.2" .....	\$8.99
RMXA3294	Biologic FF 7.2" .....	8.99

## WARBIRDZ™ WWII FIGHTER FREE FLIGHTS

Fly up to 50 feet in the air with exciting WarBirdz Free Flights from Revell! Just charge the battery with the included, easy-to-use charger and within seconds you're ready for takeoff. Choose from the P-51D Mustang, the MK2 Spitfire, the Fw190 Focke-Wulf and the Mitsubishi A6M2 Zero. All include display stand.



Stock #	Description	Tower
RMXA3493	P51D Mustang .....	\$12.99
RMXA3494	MK2 Spitfire .....	12.99
RMXA3495	FW190 Focke Wolf .....	12.99
RMXA3496	Mitsubishi A6M2 Zero .....	12.99

## AG INDUSTRIES FREE FLIGHT AIRPLANES



Lightweight balsa and paper fiber take flight with the innovative **High-Performance Gliders** (AG664). Pre-cut parts allow children as young as 8 to enjoy thrilling first flights. Rubber Band-Powered gliders like the **Messerschmitt 3D** (AG1883) and the **Sky Carrier** (AG9862) assemble in a matter of minutes. **Giant Skyryders** (05004-05007) assemble quickly and can fly straight for over 200 feet — no tools or glue required!

		RETAIL	TOWER
AGIA0664	AG664 Precut High Performance Gliders (6) .....	17.99	14.99
AGIA1883	AG1883 Messerschmidt 3D Plane 14.4" .....	13.50	10.19
AGIA5004	05004 Giant Skyryders Trainer 19" .....	13.99	10.49
AGIA5006	05006 Giant Skyryders Albatross Sailplane 19" .....	13.99	10.49
AGIA5007	05007 Giant Skyryders Aerobatic Jet 19" .....	13.99	10.49
AGIA9862	AG9862 185 Sky Carrier Skyryder 15.25" .....	8.99	8.59

## LIFOAM FREE FLIGHT GLIDERS

• Fast, inexpensive fliers for the young pilot.

Incredibly light but oh-so-durable foam parts make these foam fliers simple to assemble. The 4.5' span **Air Stream** and **Ultra Flyer** feature break-resistant R-Mer resin construction. The 2' span **Turbo Jet 2000** performs loops, stunts, and exciting boomerang action. Colorful patriotic decals accent its good looks.



		RETAIL	TOWER
LFMA6309	6309 Ultra Flyer 4.5' .....	7.99	7.59
LFMA6321	6321 Air Stream w/R-Mer 4.5' .....	9.99	9.49
LFMA6800	6800 Turbo Jet 2000 2' .....	4.99	4.79



## SAILPLANES

**TOWER HOBBIES®**

**Vista™ EP ARF**

**Vista™ ARF**



Wingspan: 78.5 in • Wing Area: 678 in • Length: 41 in  
Vista Requires: 2-4 channel radio w/2 servos  
Vista EP Requires: 3-channel radio w/2 servos, 8.4V NiMH battery & charger



**LOW-COST, LOW-WORK, HIGH-FLYIN' FUN!**

You can have a Vista ARF ready to fly in just 2-3 hours...even if you're a low-time builder and pilot. The all-wood wing halves and fuselage are covered. The control surfaces are hinged and hardware is included. Band-on the wing, glue the tail, install radio gear and you're done! The flat-bottom polyhedral wing generates amazing lift and comforting stability. That offers first-time pilots maximum time to react and veteran pilots the tools they need for long, lazy flights. An adjustable tow hook on the **Vista ARF** ensures maximum launch altitude whatever the wind conditions. A factory-installed 550 motor and 8x4 folding prop in the **Vista EP ARF** provide instant launch and climb power. The included ESC offers smooth, easy throttle control with no set-up work!

Stock #	Description	Tower
TOWA4010	Vista 2 Meter ARF 78.5" .....	\$59.99
TOWA4015	Vista EP ARF 78.5" .....	89.99

**Dynaflite™**  
**SAILPLANES**



Talon™ Kit

**A STYLE FOR EVERY PILOT....  
A SIZE FOR EVERY SITE.**



Bird of Time™ ARF

Die-cut wood parts and simple structures make Dynaflite sailplanes strong and simple to build. The 50" span **Talon** can be exceptionally aerobatic, even in tight, confined areas. It features full-length ailerons, and can be built with a conventional or full-flying V-tail. The unlimited class, 118" span **Bird of Time** is a master of thermal chasing and duration soaring. The kit is all-wood; the ARF version shortens building to 2-3 hours and offers a fiberglass fuselage and MonoKote® covering. Launch your glider to 500 feet with **Hi-Starts**, or to 200 feet with **Up-Starts**.

Stock #	Description	Tower
DYFA0500	Bird of Time ARF 118" .....	\$149.99
DYFA4502	Bird of Time Kit 118" .....	69.99
DYFA2017	Talon Kit 50" .....	37.99
DYFP8301	Standard Hi-Start .....	59.99
DYFP8302	Heavy Duty Hi-Start .....	64.99
DYFP8305	Up-Start 2M 1/8 Rubber .....	27.99
DYFP8306	Up-Start Standard 3/16 Rubber .....	27.99

**HOBBICO®**

**UPSTAR™**  
**EP ARF**



**AN EASY WAY TO  
REACH FOR THE SKY.**

Relax and learn to fly — the UpStar's easy, 3-4 hour assembly and built-in stability make success a breeze. Its built-up balsa wing and tail, covered in heat-shrink film with a high-visibility trim scheme, keep weight to the minimum. The durable, blow-molded fuselage can withstand many less-than-perfect landings, and the wing has built-in polyhedral to help level the model after a turn. The included power system features a 540 motor, ESC, 9.6V NiMH battery and folding prop that are all performance-matched for optimum flight times. A simple hand launch is all it takes to send the UpStar ARF aloft to start chasing thermals!

Wingspan: 68 in • Wing Area: 462 in² • Weight: 2.8 lb  
Wing Loading: 14 oz/ft² • Length: 44.5 in  
Requires: 3-channel radio w/2 servos & NiMH charger

Stock#	Description	Tower
HCAA2210	UpStar EP ARF 68" .....	\$89.99



## SAILPLANES

### CLIMB HIGHER AND SOAR LONGER WITH ELECTRIC POWER.

Designed for building ease, the all-wood **Spectra Kit** features interlocking parts and easy-to-follow instructions. An ElectriFly™ S-600 motor, triple-taper wing and semi-symmetrical airfoil deliver outstanding agility and long soaring times. The **ARF** arrives assembled, covered in MonoKote® film and equipped with an ElectriFly™ T-601 motor. The **RTF** offers even more, including a 3-channel radio, 30A ESC and a 7.2V, 2100mAh NiCd. All include an 8 x 4 folding prop that quickly transforms a simple hand-launch into smooth, graceful flight.

Stock #	Description	Tower
GPMA0540	Spectra Kit 78.5" .....	\$79.99
GPMA1050	Spectra ARF 78.5" .....	124.99
GPMA17**	Spectra Select 3-Channel RTF 78.5" ..... <b>3 PAY \$59.99</b>	179.97



## SPECTRA™ SAILPLANES

Spectra™ Select RTF  
Wingspan: 78.5 in

### TOP-NOTCH PERFORMANCE AND FUN!

Designed for first-time and intermediate pilots, Fling ARFs have fiberglass pods, carbon-fiber booms and covered wood wings and tails that slice assembly time to just 2-3 hours. The 48.75" span **Fling ARF** includes a mini high-start for fast climbs. The **Fling 2M ARF** stretches the wingspan to 78.5 inches. A carbon-fiber peg lets you launch the 60" span **Fling DL ARF** to heights of 100 feet or more without special equipment or a strong throwing arm. Full-span ailerons and an AG45 airfoil provide outstanding lift and maneuverability.

Stock #	Description	Tower
GPMA1060	Fling Hand Launch Glider ARF 48.75" .....	\$64.99
GPMA1062	Fling 2 Meter ARF 78.5" ..... <b>2 PAY \$49.99</b>	99.98
GPMA1070	Fling DL Discus Launch Glider ARF 60" ..... <b>2 PAY \$52.49</b>	104.98



## Fling™ ARFS

Fling Hand Launch Glider ARF  
Wingspan: 48.75 in

### SCREAMING VERTICAL — AND BREATHTAKING AEROBATICS!

A brushed motor system makes the 79" span Siren ARF climb fast. But with a brushless motor system, it accelerates straight up, shrinking to a dot in seconds — and then dives to build momentum for all-out aerobatics. The motor mount and internal wood structures are glued into place. The parts count is low, to speed and simplify assembly. The fuselage is factory-crafted from extra-strong, ultra-light carbon fiber. And the all-wood wing is carbon fiber-reinforced and covered, with ailerons and elevators already hinged and in place.

Stock #	Description	Tower
GPMA1065	Siren Hotliner EP ARF 79" ..... <b>3 PAY \$53.33</b>	\$159.99



## Siren™ EP ARF

### OPTIONS FOR EVERY PILOT'S PREFERENCE!

Select woods, interlocking parts and Great Planes engineering make the 78.5" span **Spirit** kit a breeze to build and a blast to fly! It's an ideal trainer — and with its modified Selig 3010 airfoil, triple-taper planform and low wing loading, it also offers superior wind penetration and thermal chasing capabilities. With its SA7035/7036 airfoil, the all-wood **Spirit Elite** kit specializes in speed and stability, allowing experienced pilots to fly for fun — or to win contests when you take advantage of your computer radio's crowd mixing functions to maximize performance. The factory-assembled **Spirit Elite ARF** adds a fiberglass fuselage. All three have a 78.5" wingspan.

Stock #	Description	Tower
GPMA0530	Spirit 2-Meter Kit 78.5" .....	\$59.99
GPMA0535	Spirit Elite 2-Meter Kit 78.5" .....	69.99
GPMA1047	Spirit Elite ARF 78.5" .....	129.99



## Spirit™ SAILPLANES

Spirit Elite ARF  
Wingspan: 78.5 in



## R/C HELICOPTERS: GIVE 'EM A WHIRL!

### WHY FLY A HELI?

Always fascinating, R/C helicopters offer pilots the opportunity to see a different side of flight. And while helis have traditionally been viewed as challenging and (sometimes) intimidating, there are helis today that enable almost anyone to enjoy the unique excitement helis can offer.

Most helis can loop and roll, fly forward and inverted — but then again, so can many other R/C aircraft. On the other hand, all helis, from the simplest to the most sophisticated, can hover motionless in mid-air — a feat only exotic 3D aerobats can duplicate. In addition, helis can also “pirouette” around their main shaft as they fly forward, and fly *backwards* — two things that *no* other aircraft can do.

The intricacies of heli design make all of these maneuvers possible. And all it takes to make them real is a pilot, practice — and a heli radio.

### CONTROLLING A HELI

Though heli radios *look* like airplane radios, there are some very basic differences. For instance, most heli-capable radios include special mixing functions to simplify set-up, perform aerobatics and fine-tune performance. But the bigger difference between them is the number of control channels. Some sailplanes require just two; many airplanes can get by with four. Most helis, however, require at least five and sometimes six.

#### Here's how things work.

- 1 Left-Right Cyclic (Roll)** — Makes the heli lean or tilt to either side.
- 2 Fore-Aft Cyclic (Pitch)** — Moves the heli forward/backward. Push forward to move forward. Pull back to go backward.
- 3 Throttle/Collective Pitch** — Controls engine speed and/or makes the heli go up or down.
- 4 Tail Rotor Pitch (Yaw)** — Changes the heli's direction by moving the nose left or right.
- 5 Gyro** — Tail rotors can be hard to control, even for experienced modelers. Most pilots and manufacturers recommend using a gyro(scope) to help the yaw axis.



### CHOOSING A HELI

There's never been a better time to find a heli that's just right for you. Today's nitro (glow engine-powered) helis include .30-, .50- and .90-size models — and thanks to advances in batteries and motors, choices in electric helis are at an all-time high. They're as clean and quiet as ever. Properly set up, a heli with a brushless motor and light, high-capacity LiPo (Lithium-Polymer) battery will actually outperform a nitro machine in both flight time and performance. While both are available in Kit and ARF (Almost-Ready-to-Fly) forms, almost all RTF (Ready-to-Fly) helis are electric. RTFs are a huge convenience, especially for new pilots: it's not only assembled, but almost all required items are included. One of the best (and easiest!) is the Heli-Max™ Axe™ CX Micro RTF. Learning to hover with most helis, for instance, usually requires a fair amount of practice. With the Axe CX Micro, however, pilots can hover on their first flight — even with little or no previous experience. Counter-rotating blades make it possible — and more fun. You'll find — and other great choices — on the following pages.



## Heli-Max™



Novus FP  
Rotor Diameter: 7.9 in  
Length: 9 in  
Weight: 1.8 oz

**RTF**

### REAL R/C HELI FLYING IN ANY ROOM OF YOUR HOME!

## NANO-SIZED EP HELIS

Never before have electronics of this quality been utilized in an R/C heli this small! With their sophisticated components and advanced engineering, Novus helis perform like much larger machines — but fit in the palm of your hand. Fully assembled and ready to fly, these nano-sized models feature a 2.4GHz radio system and super-small, lightweight digital servos. A compact, single-cell LiPo battery provides the power, and a convenient wall charger is included. The sturdy landing gear is made of music wire, and each Novus heli is topped off with a stylish printed canopy.

The coaxial design of the Novus **CX** makes it ideal for the beginner. The counter-rotating blades offer extremely stable flight, and the blades pivot at the grips for more forgiveness in the event of a crash. The gyro, ESC and two digital servos are combined into one efficient unit, and are protected by the heli's sub-frame construction. The Novus **FP** features a fixed pitch rotor head for more maneuverability, along with a gear-driven tail rotor powered by an N51 motor. The rotor head and swash plate are made of CNC aluminum for added precision and durability, and the 3-gram digital servos deliver high-speed stability and precise centering. A collective pitch eCCPM system allows for a wide range of fully aerobatic maneuvers including inverted flight, and you'll find it on the Novus **CP**. The programmable 6-channel 2.4GHz radio can be tailored to your flying style, which will be enhanced by Bell-Hiller mixing. The tail rotor uses a unique bevel gear drive and is supported with ball bearings.

Stock #	Description		Tower
HMXE0802	Novus FP Micro 2.4GHz RTF.....	3 PAY \$53.33	\$159.99
HMXE0803	Novus CX 2.4GHz Coaxial RTF.....	3 PAY \$41.66	124.98
HMXE0804	Novus CP 2.4GHz RTF.....	3 PAY \$73.33	219.99



Novus CX  
Rotor Diameter: 6.9 in  
Length: 8 in  
Weight: 1.85 oz

**RTF**



**RTF**

Novus CP  
Rotor Diameter: 12 in  
Length: 10.7 in  
Weight: 2.4 oz



# HELICOPTERS & ACCESSORIES

## Heli-Max™



The RotoFly EX has everything you need to succeed: all-in-one completeness, ready-to-fly ease, "fly-anywhere" size and a helpful DVD and training gear to get you started right. Gentle handling and comforting stability make the RotoFly one of the easiest R/C helis to fly, and you can start flying almost immediately. The 4-channel radio provides solid control and on-board gear is already installed. Charge the 7.4V 600mAh LiPo pack on the included charger, and you're ready for up to 10 minutes of flying time. The EX has it all, plus a lockable aluminum carrying case — perfect for "grab 'n go" flying opportunities!

Stock #	Description	Tower
HMXE03**	RotoFly EX Mini EP RTF... <b>3 PAY \$56.66</b>	<b>\$169.98</b>



Main Rotor Diameter: 13.8 in  
Length: 13.4 in  
Weight: 5.3 oz  
Requires: 8 "AA" batteries

**Available in six canopy colors!**

**ONE OF TODAY'S SMALLEST MINIS... AND BIGGEST VALUES!**

### THE ROTOFLY EX RTF COMES WITH EVERYTHING LISTED BELOW!

- 4-channel FM radio
- (2) 0.21 oz (6 g) servos
- 7.4V, 600mAh LiPo battery
- LiPo AC wall charger
- Receiver/ESC/Gyro
- Tail and 180-size main motors
- Flight training DVD
- Training Gear



HMXE0342

HMXE0354

HMXE0356

HMXE0340

HMXE0344

HMXE0336



## Kinetic™ 50

ARF

The torque tube-driven tail is powerful and efficient. It's usually an expensive aftermarket option — but it's standard equipment on the Kinetic 50!

### KINETIC 50 FEATURES:

- Torque-tube driven tail
- Tail-mounted rudder servo
- Control rods with dual ball joints
- 4 mm flybar with large paddles
- Precision swash plate with metal ball joints
- 6mm feathering spindle
- 500 cc fuel tank
- 600 mm symmetrical wooden blades
- Full bearings
- Dual ball bearings on each tail rotor grip
- Step by step assembly & set-up manual

Main Rotor: 52.75 in • Weight: 7.5 lb • Length: 47 in • Height: 15.25 in  
Requires: 6-channel radio w/5 servos, .46-.51 engine, gyro & muffler

The Kinetic 50 is more than a big, impressive heli: it's a heli perfectly suited for electric pilots who want to move up to *nitro* helis. Its size makes it easy to track and stable in hovering in virtually any wind conditions. Now, while the Kinetic 50 is very beginner-friendly, it's also capable of 3D stunts without any upgrades. You can go inverted without adding a single one, or bypass 3D in favor of smooth, easy passes around the field. And no matter which way you go, you get a heli packed with top-quality features!

Stock #	Description	Tower
HMXE0250	Kinetic 50 ARF... <b>3 PAY \$86.66</b>	<b>\$259.98</b>





**EVERYTHING YOU WANT IN AN R/C HELI — JUST SMALLER, SIMPLER, AND EASIER TO AFFORD!**

## Heli-Max™

Rotor Span: 10.6 in  
Height: 5.9 in  
Length: 10.8 in  
Weight w/supplied flight battery: 4.26 oz  
Requires: 8 "AA" batteries



Show off your piloting skills in the family room or office! At less than a foot long, the Axe CX Micro flies almost anywhere. Factory-built and flight-tested, it comes with high-quality components — including a 4-channel heli radio system, two dependable servos and long-lasting motors. The result: performance so strong that even experienced pilots will be impressed...while the stabilizing, counter-rotating blades put first-timers in total control. A bubble-type Lexan® canopy and free-moving tail rotor add scale-like realism. Thanks to sturdy construction and readily available replacement parts, it's easy to fly — AND to keep flying!

Stock #	Description	Tower
HMXE09**	Axe CX Micro EP RTF.....	\$99.98

2 PAY \$49.99



HMXE0956 HMXE0940 HMXE0954 HMXE0942 HMXE0944 HMXE0936

**Available in six blazing colors!**

### IMMEDIATE 3D AEROBATICS!

When it comes to components, the Axe 400 has no equal in its class. Start with the 425-size outrunner brushless motor: it's not only the largest power plant you'll find in a comparable ready-to-fly heli, it also has a built-in cooling fan. The HM4000 Heading Lock Gyro is also superior, with dual remote and mechanical gain adjustments that increase flying flexibility. Opt for the Axe 400 **RTF**, and you get a state-of-the-art Futaba® 6EX 2.4GHz radio with S3114 high-torque micro servos and R606FS FASST™ receiver. You'll enjoy superior precision and response, along with all of the advantages that 2.4GHz FASST technology has to offer. But if you prefer, the **Rx-R**™ version lets you add the radio and receiver combo of your choice. Either way, the Axe 400 delivers exceptional 3D performance, right out of the box!

Main Rotor Diameter: 27.5 in  
Length: 24 in • Weight: 21-25 oz  
Both require: 11.1V LiPo battery pack, LiPo-compatible balancing charger & 8 "AA" batteries  
Rx-R™ also requires: 6-channel radio & receiver



**Includes a Futaba® 6EX 2.4GHz radio system!**

Stock #	Description	Tower
HMXE0800	AXE 400 3D 2.4GHz RTF.....	\$379.98
HMXE0801	AXE 400 3D RxR w/Futaba 3114 Servos (4).....	219.99

3 PAY \$126.66

3 PAY \$73.33



## AXE 400 RTF

## AXE 400 RTF



# HELICOPTERS & ACCESSORIES

## Heli-Max™

## ACCESSORIES

### MINI BLADE HOLDER

**\$3.49**

- Lightweight foam grips protect blades by locking them stationary onto the boom.

- Compatible with most micro- and mini-sized helis.

HMXE1007 ✓



### HELI PITCH GAUGE

**\$19.99**

- Adjusts throws to factory specs in just minutes.

- Use on main blades and flybar paddles — works with any .30, .46 and .60-size heli.

HMXR4850 ✓



### CURVED TIP BALL LINK PLIERS

**\$17.99**

- Designed for quick installation and removal of ball links.
- The curved tip allows for easier access to hard-to-reach areas.
- Made of hardened tool steel with vinyl-covered handles.

HMXR4858 ✓



### HELI TRAINING GEAR

**\$13.99**

HMXE2025

- Attaches to skids to add stabilizing weight and prevent tipovers during landings.

- Installs easily on .30 to .60 size helis.



### CNC ROTOR HEAD CONVERSION-NOVUS™ CX

**\$24.99**

- Upgrade from stock plastic to the strength and performance of machined CNC aluminum.

- Includes a swash plate, upper and lower rotor head, inner main shaft bearing retainer and CNC head block.

HMXE7477 ✓



### BRUSHLESS CONVERSION KIT-NOVUS™ CP

**\$29.99**

HMXG8015

- Upgrade your nano-sized Novus CP heli to the longer flight times and enhanced flight capabilities of brushless performance.
- Complete kit contains a brushless motor and ESC.



Stock #	Description	Tower
HMXE1000	.30 Size Blade Holder.....	\$3.99
HMXE1005	.60 Size Blade Holder.....	4.99
HMXE2000	.30-.40 Size Floats.....	17.99
HMXE2005	.50-.60 Size Floats.....	24.99
HMXE2025	Training Gear Set Axe EZ.....	8.29
HMXE4269	Carbon Fiber Main Blades Axe CP.....	39.99
HMXE4305	Carbon Blade Set 325mm.....	34.99
HMXE4308	Carbon Blade Set 530mm.....	44.99

Stock #	Description	Tower
HMXE4310	Carbon Blade Set 550mm.....	\$49.99
HMXE4314	Carbon Blade Set 600mm.....	49.99
HMXE4316	Carbon Blade Set 680mm.....	64.99
HMXE4710	Tracking Tape.....	2.49
HMXE7000	CCPM Upgrade Kit MX400.....	31.99
HMXE7459	CNC Bell-Hiller Rotor Head Upgrade Kit Axe CP.....	34.99
HMXE7480	Crash Kit H MX400.....	12.99
HMXE7481	Crash Kit T MX400.....	9.99

Stock #	Description	Tower
HMXE7476	CNC Aluminum Rotor Head Conversion Novus CP.....	\$24.99
HMXE9800	Training Stand w/Strut Clips RotoFly.....	16.99
HMXE9816	Complete Brushless Conversion Kit Novus FP.....	74.99
HMXM1002	650mAh 10.8V NiMH Axe CP.....	12.99
HMXR4861	Ball Link Removal Tool.....	4.99
HMXR4855	Heli Blade Balancer.....	19.99
HMXR4859	Heli Ball End Tool.....	6.99



## RTF HELIS

The **Swarm** may look like a 4.5" long alien insect, but don't swat it — fly it! Counter-rotating blades lift and propel the durable, colorful foam body, with control supplied by a 2-channel infrared controller that has a built-in charger for the included LiPo battery. The **Fire Strike Pro 4 Rotor** heli lets you carry out military missions indoors with ease. The unique quad motor/quad rotor design makes it so stable, even an 8-year old can fly it. The foam fuselage requires no painting, and you have a choice of Military or Special Ops trim schemes. For the ultimate in realism go with the **Fire Strike Pro Apache** and **Fire Strike Pro Blackhawk** models. They offer dual counter-rotating blades and very detailed scale bodies with flashing lights. All Fire Strike Pro helis let you charge the battery right from the controller for non-stop indoor flying fun!

Stock #	Description	Retail	Tower
RMXE3298	Swarm Bug RTF Blue Band B.....	\$59.99	\$29.99
RMXE3299	Swarm Bug RTF Pink Band C.....	59.99	29.99
RMXE6025	Fire Strike Pro Apache Micro RTF Black.....	39.99	29.99
RMXE6026	Fire Strike Pro Apache Micro RTF Green.....	39.99	29.99
RMXE6027	Fire Strike Pro Blackhawk Micro RTF Camo.....	39.99	29.99
RMXE6028	Fire Strike Pro Blackhawk Micro RTF Green.....	39.99	29.99
RMXE6581	Fire Strike Pro 4 Rotor RTF Camo Band A.....	79.99	49.99
RMXE6582	Fire Strike Pro 4 Rotor RTF Special Operations.....	79.99	49.99



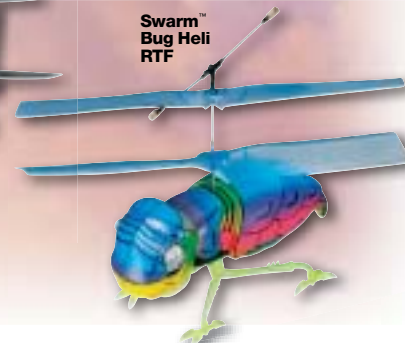
Fire Strike™ Pro  
4 Rotor Heli  
RTF Camo



Fire Strike™ Pro  
Blackhawk Micro  
RTF Green



Fire Strike™ Pro  
Apache Micro  
Heli RTF Black



Swarm™  
Bug Heli  
RTF

## JCS HOBBIES® AXE™ CP PLASTI-BLADES

Give yourself an edge while you learn with JCS Plasti-Blades. They're made from high-impact plastic for maximum crash-resistance and feature a flat-bottom airfoil ideal for first-time pilots. They're installation-ready when you get them...and mount with the stock hardware provided with the Heli-Max™ Axe CP.



PBA-001B

JCHE1300	PBA-001 Flat Trainer Blade Axe CP White.....	✓	Retail 23.99	Tower 19.99
JCHE1301	PBA-001B Flat Trainer Blade Axe CP Black.....	✓	23.99	19.99
JCHE1302	PBA-001Y Flat Trainer Blade Axe CP Yellow.....	✓	23.99	19.99

## MULTIPLEX® EP FUNCOPTERS

M213001

- A great upgrade heli!
- Available as a Kit or receiver-ready!



Simple, durable and fun, Multiplex offers a fast, easy way to transition from airplanes to helis, or from co-axial helis to a single-rotor machine. Based on the Lite Machines™ Corona, it arrives factory-adjusted, with most assembly work done. Durability is a given: the scale, full-body fuselage is made from tough EPP foam. Sprung landing gear and tough, flexible rotor blades make it virtually indestructible. Fixed pitch design eliminates the need for adjustments...and the combination of an Axi brushless motor and rugged direct-drive system give it maneuvering power to spare. The **RR** version includes servos and an ESC, install your receiver and a 3000mAh LiPo battery, and you're ready for 15-minute flights. The **Kit** requires the battery, receiver and all other on-board gear. Both also require a 4-channel radio. Main Rotor Diameter: 31 in; Length: 35 in; Weight: 45 oz.

MPUE1301	M213001 Funcopter Kit Assembled w/Motor.....	339.95	234.99
MPUE2631	M263001 Funcopter RR Assembled w/Motor.....	599.95	399.99

## RAM HELI LIGHTS

Both systems now include a flashing white LED in addition to twin landing lights and ultra-bright red, green and clear nav lights. They weigh only a few grams each, and draw just 10 mA of current during a 10-minute flight. **Micro Heli Lites** (174) now include two JST connectors for easy plug-and-play hook-up with any micro. **Heli Lites** (175), for helis .30-size and larger, includes a 9V battery snap. Both require 6-12V power. Weight (174): 0.24 oz (7 g); (175): 0.4 oz (12 g).



175

RAMQ0174	174 Micro Heli Lites.....	✓	29.95	26.99
RAMQ0175	175 Heli Lites.....	✓	29.95	26.99

## PRO-LINE® HELI CANOPIES

3271-06

One-piece Pro-Line canopies offer Lexan® lightness, added strength and striking style. Painted **Assault** canopies are available for T-Rex (3256 numbers) and Mini Titan (3269 numbers). **Attack** canopies for T-Rex (3271 numbers) and Mini Titan (3272 numbers) include decals, and are available painted, or clear with a protective film covering.



		Retail	Tower
PROE3254	3256-04 Assault Canopy Prepainted White.....	✓ 29.00	25.39
PROE3258	3256-08 Assault Canopy Prepainted Red.....	✓ 29.00	25.39
PROE3259	3256-09 Assault Canopy Prepainted Orange.....	✓ 29.00	25.39
PROE3264	3269-04 Assault Canopy Prepainted White.....	✓ 29.00	25.39
PROE3265	3269-10 Assault Canopy Prepainted Green.....	✓ 29.00	25.39
PROE3269	3269-08 Assault Canopy Prepainted Red.....	✓ 29.00	25.39
PROE3270	3269-09 Assault Canopy Prepainted Orange.....	✓ 29.00	25.39
PROE3271	3271-00 Attack Canopy T-Rex 450.....	16.50	15.19
PROE3273	3271-05 Attack Canopy Desert Brown.....	✓ 29.00	23.99
PROE3274	3272-05 Attack Canopy Desert Brown.....	✓ 29.00	25.39
PROE3275	3271-06 Attack Canopy Jungle Green.....	✓ 29.00	23.99
PROE3277	3272-07 Attack Canopy Gunner Grey.....	✓ 29.00	25.39

## VENOM AIR CORPS® MICRO EP RTFS

These small-scale helis offer plenty of large-scale fun! Beginner helis start with the tiny **Micro Rescue** and the compact **Micro Ranger**. Both provide rookies with hours of easy, exciting flights. Coaxial **Micro Troop Transporters** offer excellent stability and unsurpassed control. Choose from **Desert**, **Jungle** or **Sea** paint schemes. All include a LiPo battery, charger, transmitter, an assembled heli and on-board equipment. All require 6 "AA" batteries.



6240

VNRE6240	6240 Micro Rescue RTF.....	✓ 39.99	27.99
VNRE6241	6241 Micro Ranger RTF.....	39.99	27.99
VNRE6242	6242A Micro Trooper Transporter RTF Desert.....	49.99	34.99
VNRE9242	6242B Micro Trooper Transporter RTF Jungle.....	49.99	34.99
VNRE9942	6242C Micro Trooper Transporter RTF Sea.....	49.99	34.99

## VENOM AIR CORPS® EP RTFS

If it has to do with helis, Venom has it and has it ready-to-fly. All include battery, charger, transmitter, assembled heli and all on-board equipment. Choices include the 2-channel **Mantis**, the 3-channel **Kona Kopter** and the coaxial **Ozone** for indoor use. The beginner-friendly **Beacon** includes a cutting-edge 2.4GHz radio system. The **Night Ranger** CP is fully 3D-capable straight from the box, and the expert's **Night Ranger 3D XL** offers a brushless motor, 2.4GHz radio and CCPM rotor head.



6225

VNRE6050	6050 Kona Kopter.....	39.99	35.99
VNRE6201	6201 Beacon 2.4GHz 4-Channel RTF.....	219.99	149.99
VNRE6202	6202 Mantis Micro Electric Heli RTF.....	69.99	49.99
VNRE6203	6203 Ozone 3-Channel RTF.....	109.99	79.99
VNRE6225	6225 Night Ranger 3D CP RTF.....	299.99	199.99
VNRE6230	6230 Night Ranger 3D XL RTF.....	629.99	299.99



## BIG SAVINGS at the Tower Hobbies Outlet Store!

The Tower Hobbies Outlet Store is where you can find all our exciting and money-saving sales all under one roof. You'll find overstocks, closeouts, inflation busters, Scratch 'N Dent, our latest product sale and even a sale where the prices are reduced every day! If you're a smart R/C shopper, you'll make the Tower Hobbies Outlet Store your favorite link in your web browser. See [www.towerhobbies.com/outlet](http://www.towerhobbies.com/outlet) for details!



[www.towerhobbies.com/outlet](http://www.towerhobbies.com/outlet)





## HARDWARE

### SOCKET HEAD CAP SCREW

Stock #	Description	Tower
GPMQ3000	2-56x1/4" (4)	✓ <b>\$1.99</b>
GPMQ3002	2-56x1/2" (4)	✓ <b>.99</b>
GPMQ3004	2-56x3/4" (4)	✓ <b>.99</b>
GPMQ3008	4-40x1/4" (4)	✓ <b>.99</b>
GPMQ3012	4-40x1/2" (4)	✓ <b>.99</b>
GPMQ3014	4-40x3/4" (4)	✓ <b>.99</b>
GPMQ3016	4-40x1" (4)	✓ <b>.99</b>
GPMQ3018	4-40x1 1/4" (4)	✓ <b>1.05</b>
GPMQ3020	4-40x1 1/2" (4)	✓ <b>1.25</b>
GPMQ3024	6-32x1/4" (4)	✓ <b>.95</b>
GPMQ3028	6-32x1/2" (4)	✓ <b>.95</b>
GPMQ3030	6-32x3/4" (4)	✓ <b>.95</b>
GPMQ3038	6-32x1" (4)	✓ <b>.95</b>

◆ Zinc-plated to resist corrosion.

Stock #	Description	Tower
GPMQ3040	6-32x1 1/4" (4)	✓ <b>\$1.05</b>
GPMQ3042	6-32x1 1/2" (4)	✓ <b>1.19</b>
GPMQ3044	8-32x1/2" (4)	✓ <b>.95</b>
GPMQ3046	8-32x3/4" (4)	✓ <b>.95</b>
GPMQ3048	8-32x1" (4)	✓ <b>.95</b>
GPMQ3050	8-32x1 1/4" (4)	✓ <b>.95</b>
GPMQ3052	8-32x1 1/2" (4)	✓ <b>.95</b>
GPMQ3098	3.5x15mm Metric (4)	✓ <b>3.79</b>
GPMQ3100	3.5x20mm Metric (4)	✓ <b>2.29</b>
GPMQ3102	3.5x25mm Metric (4)	✓ <b>2.29</b>
GPMQ3104	3.5x30mm Metric (4)	✓ <b>3.59</b>

## HEX NUTS



Stock #	Description	Tower
GPMQ3300	2-56 (8)	✓ <b>\$.75</b>
GPMQ3304	4-40 (8)	✓ <b>.75</b>
GPMQ3306	6-32 (8)	✓ <b>.75</b>
GPMQ3308	8-32 (8)	✓ <b>.75</b>

## BRASS THREAD INSERT



Stock #	Description	Tower
GPMQ3360	4-40 (4)	✓ <b>\$1.89</b>
GPMQ3362	6-32 (4)	✓ <b>2.19</b>
GPMQ3368	1/4-20 (4)	✓ <b>2.79</b>

## NYLON INSERT LOCK NUT



◆ Nylon insert nuts are self-locking.

Stock #	Description	Tower
GPMQ3340	2-56 (4)	✓ <b>\$3.95</b>
GPMQ3344	4-40 (4)	✓ <b>.95</b>
GPMQ3346	6-32 (4)	✓ <b>.95</b>
GPMQ3348	8-32 (4)	✓ <b>.95</b>

## BLIND NUTS



◆ Great for hard to reach areas.

Stock #	Description	Tower
GPMQ3320	2-56 (4)	✓ <b>\$1.09</b>
GPMQ3324	4-40 (4)	✓ <b>.85</b>
GPMQ3325	4-40 (24)	✓ <b>3.79</b>
GPMQ3326	6-32 (4)	✓ <b>.85</b>
GPMQ3327	6-32 (24)	✓ <b>3.79</b>
GPMQ3328	8-32 (4)	✓ <b>1.05</b>
GPMQ3330	10-32 (4)	✓ <b>.95</b>
GPMQ3332	1/4-20 (4)	✓ <b>.95</b>

## LOCK NUT BOLT SET

◆ Complete with socket head screws, nylon lock nuts, washers and a hex wrench.



Stock #	Description	Tower
GPMQ3544	4-40x1" (4)	✓ <b>\$1.89</b>
GPMQ3545	4-40x1 1/4" (4)	✓ <b>1.89</b>
GPMQ3548	6-32x1" (4)	✓ <b>1.89</b>
GPMQ3549	6-32x1 1/4" (4)	✓ <b>1.89</b>

## BLIND NUT BOLT SET

◆ Complete with socket head screws, blind nuts, washers and a hex wrench.



Stock #	Description	Tower
GPMQ3500	2-56x1/2" (4)	✓ <b>\$1.89</b>
GPMQ3503	4-40x3/4" (4)	✓ <b>1.89</b>
GPMQ3504	4-40x1" (4)	✓ <b>1.89</b>
GPMQ3505	4-40x1 1/4" (4)	✓ <b>1.89</b>
GPMQ3508	6-32x1" (4)	✓ <b>1.89</b>
GPMQ3509	6-32x1 1/4" (4)	✓ <b>1.89</b>

## BUTTON HEAD SHEET METAL SCREW

◆ Uses a hex wrench to prevent screwdriver slips.



Stock #	Description	Tower
GPMQ3120	2x3/8" (8)	✓ <b>\$1.69</b>
GPMQ3122	2x1/2" (8)	✓ <b>1.69</b>
GPMQ3124	4x1/2" (8)	✓ <b>1.69</b>
GPMQ3126	4x3/4" (8)	✓ <b>1.69</b>
GPMQ3130	6x1/2" (8)	✓ <b>1.69</b>

## LOCK WASHER



Stock #	Description	Tower
GPMQ3430	#2 (8)	✓ <b>\$.75</b>
GPMQ3432	#4 (8)	✓ <b>.75</b>
GPMQ3434	#6 (8)	✓ <b>.75</b>
GPMQ3436	#8 (8)	✓ <b>.75</b>

## NYLON WING BOLT



Stock #	Description	Tower
GPMQ4398	10-24x1 1/4" (4)	✓ <b>\$1.25</b>
GPMQ4400	10-32x2" (4)	✓ <b>1.39</b>
GPMQ4402	1/4-20x2" (4)	✓ <b>1.49</b>

## PHILLIPS SHEET METAL SCREWS

◆ Low-profile design is ideal for cowls, canopies and landing gear.



Stock #	Description	Tower
GPMQ3150	2x3/8" (8)	✓ <b>\$1.35</b>
GPMQ3152	2x1/2" (8)	✓ <b>1.35</b>
GPMQ3154	4x1/2" (8)	✓ <b>1.35</b>
GPMQ3156	4x3/4" (8)	✓ <b>1.35</b>
GPMQ3160	6x1/2" (8)	✓ <b>1.35</b>

## FLAT WASHER

◆ Zinc-plated for years of rust-free service.



Stock #	Description	Tower
GPMQ3400	#2 (8)	✓ <b>\$.75</b>
GPMQ3402	#4 (8)	✓ <b>.75</b>
GPMQ3404	#6 (8)	✓ <b>.75</b>
GPMQ3406	#8 (8)	✓ <b>.75</b>

## WHEELS & LANDING GEAR

### LANDING GEAR

◆ All are made from paintable, aircraft-quality aluminum.  
◆ Aluminum gear is predrilled for 8-32 axles—can be drilled out for use with Great Planes' Bolt-On Axles.



Stock #	Description	Tower
GPMQ1800	.09 Dural	✓ <b>\$7.29</b>
GPMQ1810	.19 Dural	✓ <b>10.99</b>
GPMQ1820	.40 Dural	✓ <b>13.99</b>

Stock #	Description	Tower
GPMQ1830	Small .60 Dural	✓ <b>\$12.99</b>
GPMQ1840	Large .60 Dural	✓ <b>14.99</b>
GPMQ1850	.90-1.5 Dural	✓ <b>24.99</b>
GPMQ1900	Tail Wheel Assembly	✓ <b>2.79</b>

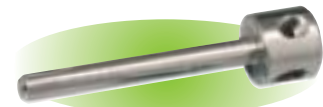
### SCALE TAILWHEEL ASSEMBLY



◆ Includes a 1-3/8 lightweight foam tire and all basic linkages.

Stock #	Description	Tower
GPMQ4245	Scale Tailwheel Assembly	✓ <b>\$12.99</b>

### ADJUSTABLE AXLES



◆ For strut style landing gear. ◆ Allows adjustment of axle height on landing gear struts.

Stock #	Description	Tower
GPMQ4279	1-1/4x1/8" (2)	✓ <b>\$3.79</b>
GPMQ4280	1-1/4x5/32" (2)	✓ <b>4.79</b>
GPMQ4281	2x5/32" (2)	✓ <b>3.79</b>
GPMQ4282	2x3/16" (2)	✓ <b>3.79</b>

### ULTRALITE™ WHEELS

◆ Lightweight foam wheels mounted on impact-resistant hubs.



Stock #	Description	Tower
GPMQ4200	1-3/4" (2)	✓ <b>\$3.99</b>
GPMQ4201	2" (2)	✓ <b>4.29</b>
GPMQ4202	2-1/4" (2)	✓ <b>4.49</b>
GPMQ4203	2-1/2" (2)	✓ <b>4.99</b>
GPMQ4204	2-3/4" (2)	✓ <b>5.49</b>
GPMQ4205	3" (2)	✓ <b>5.99</b>

### TAILWHEELS

◆ Rubber tires on a strong, lightweight hub.



Stock #	Description	Tower
GPMQ4240	3/4"	✓ <b>\$2.09</b>
GPMQ4241	1"	✓ <b>2.29</b>
GPMQ4242	1-1/4"	✓ <b>2.49</b>
GPMQ4243	1-1/2"	✓ <b>2.79</b>

### LOW-PROFILE MECHANICAL RETRACTS

◆ Simple retracts offer a low-profile design (and sleeker looks) at a sensible price. .40 and .60 include adjustable axles.



Stock #	Description	Tower
GPMQ2900	.10	✓ <b>\$14.99</b>
GPMQ2905	.40	✓ <b>19.99</b>
GPMQ2910	.60	✓ <b>24.99</b>

### PLATED BRASS WHEEL COLLARS

◆ Corrosion resistant. ◆ Each set includes hex L-wrench.

Stock #	Description	Tower
GPMQ4300	1/16" (4)	✓ <b>\$1.59</b>
GPMQ4301	1/16" (12)	✓ <b>4.29</b>
GPMQ4302	3/32" (4)	✓ <b>1.59</b>
GPMQ4303	3/32" (12)	✓ <b>4.29</b>
GPMQ4304	1/8" (4)	✓ <b>1.59</b>
GPMQ4305	1/8" (12)	✓ <b>4.29</b>
GPMQ4306	5/32" (4)	✓ <b>1.59</b>
GPMQ4307	5/32" (12)	✓ <b>4.29</b>
GPMQ4308	3/16" (4)	✓ <b>1.59</b>
GPMQ4309	3/16" (12)	✓ <b>4.29</b>



### BOLT-ON AXLE SHAFTS

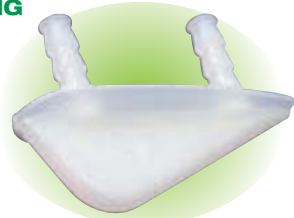


◆ For Flat Aluminum (Dural Style) Landing Gear.

Stock #	Description	Tower
GPMQ4275	1-1/4"x1/8" (2)	✓ <b>\$4.79</b>
GPMQ4276	1-1/4"x5/32" (2)	✓ <b>4.79</b>
GPMQ4277	2"x5/32" (2)	✓ <b>4.79</b>
GPMQ4278	2"x3/16" (2)	✓ <b>4.79</b>

### NYLON WING TIP SKIDS

◆ Inexpensive wing protection. 3/pkg.



Stock #	Description	Tower
GPMQ4445	Nylon Wing Tip Skids	✓ <b>\$1.19</b>



## CONTROL LINKAGES

### THREADED STEEL, SOLDER & LOCKING CLEVISSES

- ◆ These clevises are extra-reliable with a stepped pin to prevent binding and a "barb" to prevent the retainer tube from slipping off.
- ◆ Locking clevis provides even more secure attachment to control horn.



Stock #	Description	Tower
GPMQ3782	Steel 2-56 w/12" Rod (2).....	\$3.79
GPMQ3783	Steel 2-56 w/12" Rod (12).....	12.99
GPMQ3784	Steel 4-40 w/12" Rod (2).....	4.99
GPMQ3785	Steel 4-40 w/12" Rod (12).....	13.99
GPMQ3790	Steel 2-56 (2).....	1.29
GPMQ3791	Steel 2-56 (12).....	5.99
GPMQ3794	Steel 4-40 (2).....	1.49

Stock #	Description	Tower
GPMQ3795	Steel 4-40 (12).....	\$6.49
GPMQ3810	2-56 Solder (2).....	1.25
GPMQ3811	2-56 Solder (12).....	5.49
GPMQ3814	4-40 Solder (2).....	1.59
GPMQ3815	4-40 Solder (12).....	6.59
GPMQ3816	4-40 Locking Clevis (2).....	2.09
GPMQ3817	4-40 Locking Clevis (12).....	8.99

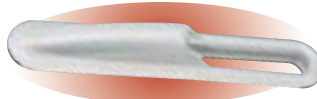
## SCREW-LOCK PUSHROD CONNECTORS



- ◆ Secure with nylon or metal retainer (both included).

Stock #	Description	Tower
GPMQ3870	Connector (2).....	\$2.29
GPMQ3871	Connector Bulk (12).....	8.99
GPMQ3872	Nylon Retainers (12).....	1.69
GPMQ3873	Metal Retainers (12).....	1.59
GPMQ3875	H/D Connector (2).....	1.99
GPMQ3876	H/D Connectors Bulk (12).....	9.99
GPMQ3877	H/D Metal Retainer (12).....	1.69

## PUSHROD EXITS



- ◆ Standard Hooded (2).
- ◆ Narrower to reduce slop.

Stock #	Description	Tower
GPMQ3730	Pushrod Exits.....	\$1.29

## PULL-PULL SYSTEMS



- ◆ For precise rudder and elevator control.
- ◆ All include clevises, cable and retainers.

Stock #	Description	Tower
GPMQ3720	2-56.....	\$4.99
GPMQ3725	Deluxe 2-56.....	8.99
GPMQ3726	4-40.....	7.29
GPMQ3722	Deluxe 4-40.....	9.99

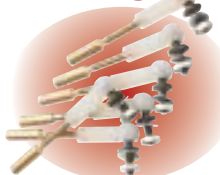
## THREADED COUPLERS



- ◆ Machined brass fittings solder onto cable or wire to allow attachment of threaded clevises or ball links.

Stock #	Description	Tower
GPMQ3830	2-56 (1/16") (2).....	\$1.25
GPMQ3831	2-56 (.074") (2).....	1.25
GPMQ3832	4-40 (.095") (2).....	1.69

## BALL LINKS



Stock #	Description	Tower
GPMQ3840	2-56.....	\$1.49
GPMQ3841	2-56 (6).....	7.49
GPMQ3842	1/16".....	1.69
GPMQ3843	1/16" (6).....	7.49

## FLEXIBLE CABLE PUSHRODS



- ◆ Perfect for engine throttle.
- ◆ Brass plated cable for easier soldering.

Stock #	Description	Tower
GPMQ3700	24".....	\$3.79
GPMQ3702	36".....	3.99

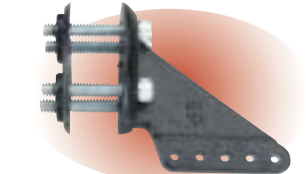
## SOLID WIRE PUSHRODS



- ◆ Proven low elasticity — unaffected by temperature extremes.

Stock #	Description	Tower
GPMQ3716	36" (2).....	\$4.29
GPMQ3718	48" (2).....	6.49

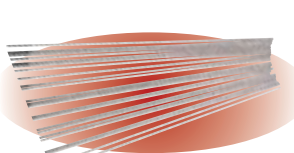
## NYLON CONTROL HORNS



- ◆ Offset, fine machine thread screws and underplate lock together for stress-resistant strength.

Stock #	Description	Tower
GPMQ3900	Small (2).....	\$ .99
GPMQ3901	Large (2).....	.99
GPMQ3902	Large Scale (2).....	3.19
GPMQ3905	Adjustable (2).....	2.09
GPMQ3910	Large Scale Single Set.....	3.59
GPMQ3911	Large Scale Double Set.....	6.29

## THREADED PUSHRODS



- ◆ Make your own pushrods.

Stock #	Description	Tower
GPMQ3750	2-56x12" (6).....	\$2.99
GPMQ3741	2-56x12" (12).....	10.99
GPMQ3751	2-56x12" (36).....	13.99
GPMQ3752	4-40x12" (6).....	3.79
GPMQ3743	4-40x12" (12).....	11.99
GPMQ3753	4-40x12" (24).....	11.99

## NYLON CLEVISSES



- ◆ A hex shaft makes these easier to grip when threading onto a rod.
- ◆ A "barb" prevents the retainer tube from sliding off.

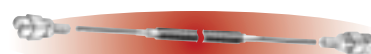
Stock #	Description	Tower
GPMQ3772	2-56 w/12" Rod (2).....	\$2.29
GPMQ3773	2-56 w/12" Rod (12).....	9.99
GPMQ3800	2-56 (2).....	.85
GPMQ3801	2-56 (12).....	4.19
GPMQ3820	Fastlink Pushrod Connector (4).....	.95
GPMQ3880	Clevis Assortment Pack.....	4.49

## RIGGING COUPLERS



Stock #	Description	Tower
GPMQ3835	2-56 (6).....	\$2.99
GPMQ3836	4-40 (6).....	3.29

## ACCU-GLIDE™ NYLON PUSHRODS



- ◆ The interior and retainer tubes of Accu-Glide pushrods fit to extremely precise tolerances for smooth, low-friction performance.

Stock #	Description	Tower
GPMQ3710	36" Flexible (2).....	\$4.99
GPMQ3714	36" Semi-Flexible (2).....	5.99

## ACCESSORIES

### SELF-ADHESIVE LEAD WEIGHTS

- ◆ 6-oz. segmented lead weights.
- ◆ 1/4 oz. divisions make it easy to measure out precise weights.



Stock #	Description	Tower
GPMQ4485	Self Adhesive Lead Weights.....	\$4.29

### HANDY MOUNTS

- ◆ Die-cut kit includes a variety of ply mounts for cowls, air valves, servos and more.



Stock #	Description	Tower
GPMQ6000	Handy Mounts.....	\$3.49

### ULTRA GRIP™ CA HINGES

- ◆ Improved laminate material increases CA wicking for stronger bonds.
- ◆ Available in pre-cut hinges or bulk sheets to cut your own size.



Stock #	Description	Tower
GPMQ3950	3/4"x1" Pre-Cut (24).....	\$2.99
GPMQ3960	2"x9" Bulk Sheet (2).....	3.29

### PINNED HINGES



- ◆ Special, textured plastic material designed to be installed with CA or epoxy.

Stock #	Description	Tower
GPMQ3970	Standard Nylon (6).....	\$1.99
GPMQ3971	Standard Nylon (15).....	3.49
GPMQ3972	Standard Nylon (36).....	7.49

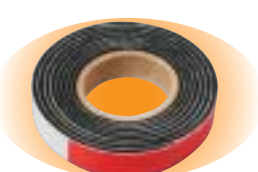
### PIVOT POINT™ HINGES



- ◆ Four locking "fingers" increase strength and durability.

Stock #	Description	Tower
GPMQ4000	Small (6).....	\$1.99
GPMQ4001	Small (15).....	3.79
GPMQ4002	Medium (6).....	2.49
GPMQ4003	Medium (15).....	4.49

### SINGLE-SIDED FOAM TAPE



- ◆ Perfect for wing saddles.

Stock #	Description	Tower
GPMQ4422	1/16" Wide x 3'.....	\$1.69
GPMQ4424	1/8" Wide x 3'.....	1.59

### HOOK & LOOP STRIPS

- ◆ 1" x 6" two per package.
- ◆ Adhesive backing.



Stock #	Description	Tower
GPMQ4480	Hook & Loop Strips.....	\$3.79

SEE THE FULL LINE OF  
GREAT PLANES ACCESSORIES AT

[www.towerhobbies.com](http://www.towerhobbies.com)



# AIRPLANE ACCESSORIES



## PILOTS

- ◆ Details such as belt buckles, buttons, sunglasses and goggles are molded in!
- ◆ Flat-bottom base allows for easy installation with glue or screws.
- ◆ All come in 1/3, 1/4 or 1/5 scale, to fit almost any scale-sized airplane cockpit.
- ◆ Sport and Civilian pilots are available pre-painted in red, blue or yellow — WWI German comes in a leather-like brown. Unpainted versions also available.



Stock #	Description	Tower
GPMQ9005	1/3 Sport Red .....	\$12.99
GPMQ9006	1/3 Sport Blue .....	12.99
GPMQ9007	1/3 Sport Yellow .....	12.99
GPMQ9008	1/3 Sport Unpainted .....	13.79
GPMQ9010	1/4 Sport Red .....	11.99
GPMQ9011	1/4 Sport Blue .....	11.99
GPMQ9012	1/4 Sport Yellow .....	11.99
GPMQ9013	1/4 Sport Unpainted .....	6.99
GPMQ9015	1/5 Sport Red .....	7.99
GPMQ9016	1/5 Sport Blue .....	7.99

Stock #	Description	Tower
GPMQ9017	1/5 Sport Yellow .....	\$7.99
GPMQ9018	1/5 Sport Unpainted .....	4.99
GPMQ9054	1/3 Civilian Red .....	12.99
GPMQ9055	1/3 Civilian Blue .....	12.99
GPMQ9056	1/3 Civilian Yellow .....	12.99
GPMQ9057	1/3 Civilian Unpainted .....	12.99
GPMQ9058	1/4 Civilian Red .....	10.99
GPMQ9059	1/4 Civilian Blue .....	10.99
GPMQ9060	1/4 Civilian Yellow .....	10.99
GPMQ9061	1/4 Civilian Unpainted .....	9.49

Stock #	Description	Tower
GPMQ9062	1/5 Civilian Red .....	\$7.99
GPMQ9063	1/5 Civilian Blue .....	7.99
GPMQ9064	1/5 Civilian Yellow .....	7.99
GPMQ9065	1/5 Civilian Unpainted .....	6.29
GPMQ9105	1/3 WWI German Brown .....	12.99
GPMQ9106	1/3 WWI German Unpainted .....	11.99
GPMQ9110	1/4 WWI German Brown .....	10.99
GPMQ9111	1/4 WWI German Unpainted .....	9.49
GPMQ9115	1/5 WWI German Brown .....	7.99
GPMQ9116	1/5 WWI German Unpainted .....	6.29



## FLOATS



Plane shown not included.

- ◆ Sturdy, sport (ARF) fiberglass floats can be used right from the box!
- ◆ Kits include die-cut wood parts, rudder, hardware and instructions.
- ◆ Three kit sizes fit planes up to 7 lb; 9-10 lb; and up to 15 lb.

Stock #	Description	Tower
GPMQ1870	Floater Kit .20 Size .....	\$39.99
GPMQ1872	Floater Kit .40 Size .....	49.99
GPMQ1874	Floater Kit .60 Size .....	64.99
GPMQ1882	.40-.60 ARF Sport Floats .....	79.99

## Hobbico® MECHANICAL RETRACTS

◆ Added realism for .40-.60 craft...for less!

Priced dollars less than similar units, Hobbico Retracts feature long-lasting metal/nylon internal components and 5/32" steel struts with built-in "anti-rotation" spots. Built with only two moving parts and hard-anodized side frames, low-profile **3-Gear, Main Gear** and **Nose Gear** retracts are durable enough for scores of landings. Less than 1" high, they're ideal for many .40-.60 size craft. Axles and retract servo required.



Stock #	Description	Retail	Tower
HCAP4000	Mechanical Retracts 3-Gear .....	\$49.99	\$21.99
HCAP4010	Mechanical Retracts Main .....	34.99	17.99
HCAP4020	Mechanical Retracts Nose .....	21.99	11.99

## TOWER HOBBIES® RUBBER BANDS

Stretch 'em in place, and they hold your wing tight in flight. But in a crash, they allow your wing to break free of the fuselage, protecting it from damage. Made of top-quality, fuel-resistant rubber. Approximately 100 bands per bag.



Stock #	Description	Tower
TOWQ1200	#32 Rubber Bands 1/4lb .....	\$1.90
TOWQ1210	#62 Rubber Bands 1/4lb .....	1.90
TOWQ1220	#64 Rubber Bands 1/4lb .....	2.29



## REPLICA RADIAL ENGINES

ABS replicas also serve as air baffles to cool your engine. **1/7 Scale** fits Top Flite's F4U Corsair and AT-6 Texan, or any cowl with a 6-1/2" to 7" opening. The **9-cylinder 1/8 Scale** is perfect for Top Flite's P-47D. **1/5 Scale** can be used with Top Flite's Giant-Scale Corsair and other models with an 8" x 9-1/4" opening. All include pushrod tubes and ignition wire.



1/7 Scale

Stock #	Description	Retail	Tower
TOPQ7901	Replica Radial Engine 1/7 Scale .....	\$12.99	\$10.99
TOPQ7902	Replica Radial Engine 1/8 Scale .....	12.99	10.99
TOPQ7903	Replica Radial Engine 1/5 Scale .....	16.99	14.99

## Hobbico® LATEX FOAM RUBBER

Protect your airborne radio equipment from vibration... cushion your fuel tank to help prevent fuel foaming. Hobbico offers a big, 8" x 12" sheet of genuine latex rubber for long-lasting, vibration dampening service in your model!



Stock #	Description	Tower
HCAQ1000	Latex Foam Rubber 1/4" .....	\$3.39
HCAQ1050	Latex Foam Rubber 1/2" .....	6.99



## COCKPIT KITS

◆ Can be added during kit assembly, or installed in kits already built.

Add a detailed cockpit to your scale beauty, and you'll win raves on the ground and in the air. Lightweight styrene plastic parts assemble with CA and finish with enamel paints. Completion takes just a few short hours, but leaves the impression that your plane just arrived fresh from the factory. All feature floors, sides, seats and seatbelt material, cockpit decks — even instrument panels. (Cessna cockpit requires gauge decals from Cessna Kit.) And any time is the right one to add a cockpit kit; you can add one while you're building or retrofit when your masterpiece is already complete.

◆ Easy, no-mod installation in Top Flite 1/5, 1/7 and 1/8 scale kits.

◆ Impressive interiors for your favorite fighters and civilian craft.

Stock #	Description	Retail	Tower	Stock #	Description	Retail	Tower
TOPQ8401	1/5 Cessna 182 Skylane .....	\$49.99	\$34.99	TOPQ8407	1/5 F4U Corsair .....	\$34.99	\$26.99
TOPQ8402	1/5 Beechcraft Bonanza .....	49.99	44.99	TOPQ8409	1/5 Stinson Reliant SR-9 .....	49.99	29.99
TOPQ8403	1/7 Spitfire MK IX .....	19.99	17.99	TOPQ8410	1/5 P-47 Thunderbolt .....	29.99	26.99
TOPQ8404	1/7 F4U Corsair 60 .....	19.99	17.99	TOPQ8412	1/7 Sea Fury .....	29.99	24.99
TOPQ8405	1/8 P-47 Thunderbolt .....	19.99	16.99	TOPQ8413	1/5 T-34B Mentor .....	49.99	39.99
TOPQ8406	1/5 P-51 Mustang .....	29.99	23.99	TOPQ8414	Interior Piper Arrow II ...	59.99	49.99



P-47 Kit



Spitfire



1/5 Scale Cessna 182 Skylane



1/7 F4U Corsair 60

## CENTURY JET MODELS PILOT FIGURES

Add personality to your plane with these great jet fighter and WWII combat pilot **Figure** and **Bust** kits! Made of polyurethane resin, all are realistically detailed and light in weight. Figures and busts both assemble easily, and come unpainted for personal customization. Available in 1/6, 1/7, 1/9 and 1/10 scales - choose from American, British and German nationalities.



		RETAIL	TOWER
CJM09000	J810NP 1/10 Jet Pilot Bust Unpainted.....	14.95	13.99
CJM09014	J7FNP 1/7 Jet Pilot Figure Unpainted.....	32.95	28.99
CJM09020	W2AB9NP 1/9 WWII American Bust Unpainted.....	19.95	18.59
CJM09022	W2AF9NP 1/9 WWII American Figure Unpainted.....	25.95	23.39
CJM09036	W2AB7NP 1/7 WWII American Bust Unpainted.....	28.95	25.99
CJM09038	W2AF7NP 1/7 WWII American Figure Unpainted.....	32.95	28.99
CJM09042	W2GF7NP 1/7 WWII German Figure Unpainted.....	32.95	28.99
CJM09046	W2BF7NP 1/7 WWII British Figure Unpainted.....	32.95	28.99
CJM09054	W2AF6NP 1/6 WWII American Figure Unpainted.....	32.95	28.99

## CENTURY JET MODELS RETRACTS

### • Complete sets for the world's best warbirds!

Add Century's all-inclusive retract sets to your favorite Top Flite® warbird, and you have a killer combination for R/C realism. No modifications are necessary: each set is kit-specific for perfect fits — and complete for no-delay installation ease.



Versions are available for many Top Flite warbirds, including the **Corsair**, **P-51D Mustang**, **FW-190** and **P-47 Gold Edition™** kits.

CJM03045	34025 Retracts Top Flite P-40.....	290.00	269.99
CJM03046	35525 Retracts Top Flite P51D Mustang.....	290.00	269.99
CJM03050	35125 Retracts Top Flite P-51.....	280.00	269.99
CJM03055	33325 Retracts Top Flite Corsair.....	290.00	269.99
CJM03060	34725 Retracts Top Flite P-47.....	290.00	269.99
CJM03070	31825 Retracts Top Flite Spitfire.....	290.00	269.99
CJM03072	39025 Retracts Top Flite FW-190.....	290.00	269.99
CJM04100	32325 1/2" Retracts Top Flite Sea Fury.....	285.00	269.99
CJM04150	32425 Scale Retracts Top Flite Sea Fury.....	405.00	404.99

## DAVE BROWN LITE FLITE WHEELS

- Reduce weight without reducing looks.
- Treaded versions add realism without adding weight.

They look as substantial as rubber tires, but **Lite Flites®** low-bounce foam construction cuts ounces from flying weight for peppy performance and snappier maneuvers. Two-piece, snap-together hubs offer injection-molded strength and no-bind rotation on axles.

**Treaded** Lite Flites offer scale-like looks without the weight penalty of rubber. All are drilled for 1/8" axles. **Sold in pairs.**

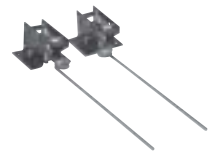


DAV05015	5515 Lite Flite Wheels 1-1/2".....	4.50	4.29
DAV05020	5520 Lite Flite Wheels 2".....	5.00	4.79
DAV05025	5525 Lite Flite Wheels 2-1/2".....	5.50	5.29
DAV05027	5527 Lite Flite Wheels 2-3/4".....	5.75	5.49
DAV05030	5530 Lite Flite Wheels 3".....	6.00	5.79
DAV05032	WH32 Lite Flite Wheels 3-1/4".....	6.25	5.99
DAV05035	5535 Lite Flite Wheels 3-1/2".....	6.50	6.19
DAV05100	5540 Lite Flite Wheels 4".....	9.95	9.49
DAV05105	5545 Lite Flite Wheels 4-1/2".....	11.95	11.19
DAV05110	5550 Lite Flite Wheels 5".....	13.95	12.99
DAV05125	5725 Treaded Lite Flite Wheels 2-1/2".....	5.50	5.29
DAV05127	5727 Treaded Lite Flite Wheels 2-3/4".....	5.75	5.49
DAV05130	5730 Treaded Lite Flite Wheels 3".....	6.00	5.79
DAV05135	5735 Treaded Lite Flite Wheels 3-1/2".....	6.50	6.19
DAV05140	5740 Treaded Big Wheels 4".....	9.95	9.49
DAV05145	5745 Treaded Big Wheels 4-1/2".....	11.95	11.19
DAV05150	5750 Treaded Big Wheels 5".....	13.95	12.99
DAV05160	5760 Treaded Big Wheels 6".....	17.95	16.69

## DAVE BROWN 2-GEAR MAIN RETRACTS

### • All wear points hard-anodized for longer wear.

Dave Brown retracts feature a positive up & down lock, plus hard-anodizing on all wear points, for years of durable, dependable service. Created for .40-.60-size craft, they feature black plastic spacers and sturdy, 5/32" struts.



DAV02000	3002 Retracts 2-Gear Main.....	49.95	42.99
----------	--------------------------------	-------	-------

## DAVE BROWN FIBERGLASS PUSHROD SYSTEM

Light, strong and temperature-resistant fiberglass pushrods come with two 33" tubes and five end fittings. Two are drilled for 1/16 piano wire (for servo end). Two are drilled for Kwik-Link rods (for use on the control surface end). One is double-drilled for Kwik-Link rods for applications requiring a "Y" type pushrod.



DAV03000	5400 Fiberglass Pushrod System (2).....	RETAIL 8.95	TOWER 8.59
----------	---	-------------	------------

## BOB DIVEY MODELS COCKPIT INTERIOR KIT

Make your P-40 cockpit look like it was delivered fresh from the factory with this ultra-realistic kit! Vacu-formed from 0.030" high-impact styrene, it can be assembled and painted in just a few hours. Loaded with wartime details, including everything from the pilot's seat and side panels to the instrument panels, decals and seat belts.

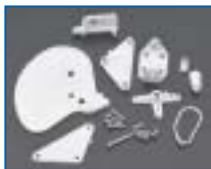


DIV01226	I-126 Interior Kit Top Flite P-40.....	21.95	19.79
----------	--	-------	-------

## ERNST RETRACTABLE FLOAT RUDDER

### • Improved water handling for planes .40 and larger.

Deployed, it's a scale-looking "wet rudder" that maximizes control during taxi, touchdown or take-off; retracted, it's an out-of-the-way option that won't hurt flying characteristics. Mounts solidly with included hardware, and can be operated with a push-pull or pull-pull setup from the rudder channel or from another channel with an extra servo. Sizes for .40-.60 and .90-1/4 scale.



ERN02600	155 Retractable Float Rudder .40-.60.....	8.49	7.99
ERN02610	156 Retractable Float Rudder .90-1/4 Scale.....	9.98	9.49

## FOURMOST AIRPLANE ACCESSORIES

Finish off your plane's rough edges and equip it for extra realism with Fourmost accessories. **U-Trim** and **Cockpit Coaming** are made from a smooth, black vinyl that conforms to curves and flat surfaces, and installs with just CA and a razor blade. U-Trim is sold in 4' lengths. Large (1/4" dia.) coaming is sold in 3' lengths; Regular includes 2' each of 3/32" and 3/16" dia. coaming. Thick brass **Solder Washers** also available.



FOR01506	136 Precision Solder Washers (48).....	2.95	2.89
FOR01747	147 U-Trim Small 1/8".....	4.50	4.29
FOR02014	114 Cockpit Coaming Regular.....	4.50	4.29
FOR02020	120 Cockpit Coaming 1/4" Large.....	4.50	4.29

## FOURMOST BOMB RELEASE



Great for fun fly events - easy to install! Simply mount the black plastic bomb release on the underside of your model with the provided screws and connect the release arm to a servo with thread or fishing line. Note: bombs (not included) must have a wire loop that can be held by the Bomb Release's arm.

FOR02219	119 Bomb Release.....	3.95	3.79
----------	-----------------------	------	------

## FOX BELLCRANKS



Designed for use with control line models, the Fox Bellcrank is formed from heavy-duty aluminum alloy sheet. It will stand a pull test of 50-60 lbs., making it suitable for heavier scale models. The non-binding center pivot allows free movement when the unit is bolted down tightly. It has three pushrod position holes and comes in two sizes.

		RETAIL	TOWER
FOX02000	8678 Bellcrank Small.....	7.00	6.69
FOX02010	8679 Bellcrank Large.....	8.00	7.69

## FULTS STRUTS & ACCESSORIES



Fults **Dual Strut Nosegear** comes with everything required to make it steerable. Each strut is constructed of high-tensile music wire, providing strong support for the larger struts. **4-1/2" Arch Dual Strut Nose Gear's** steerable design can be assembled with the steering arm inside or below the fuselage. For models with .40-.60 size engines. **Adjustable Nosegear** is available to fit .40-1.20 size, 1/4-1/3 and 1/4 scale aircraft. **1/4" Steering Arm Assembly** also available.

FUL00250	RF250 1/4" Steering Arm Assembly.....	3.45	3.29
FUL00300	RF300 Heavy Duty Dual Strut Nose Gear 3".....	22.06	19.99
FUL00450	RF450 Arch Dual Strut Nose Gear 4-1/2".....	22.74	20.49
FUL02000	RF350 Dual Strut Nosegear 3-1/2".....	22.27	19.99
FUL02010	RF400 Dual Strut Nosegear 4".....	22.48	20.29
FUL02020	RF500 Dual Strut Nosegear .90 5".....	27.70	24.99
FUL02021	RF510 Dual Strut Nosegear .60-1.2 5".....	28.18	25.39
FUL02035	RF770 Adjustable Nosegear 1/4 Scale.....	37.35	32.99
FUL02036	RF36J Adjustable Dual Nosegear 3-6".....	30.04	26.99
FUL02040	RF800 Adjustable Nosegear 1/4 1/3.....	44.49	37.99

## GOLDBERG TAILWHEEL ASSEMBLIES

Made of hardened steel for unsurpassed strength and nickel-plated for a polished, show-worthy finish, Goldberg



tailwheel assemblies are available in a wide range of sizes. **Small** is ideal for 6-12 pound planes, **Medium** is made for 10-18 pound planes and **Large** is great for 16-35 pound flyers. All include a rubber tailwheel, bracket and mounting hardware.

GBG00230	230 Small Tail Wheel Assembly 6-12lb.....	21.99	19.29
GBG00231	231 Med Tail Wheel Assembly 10-18lb.....	24.99	22.99
GBG00232	232 Large Tail Wheel Assembly 16-35lb.....	27.99	25.99

## GOLDBERG™ LANDING GEAR



Lightweight and easy to mount, Goldberg landing gear is made of molded, reinforced fiberglass that's built to last. Choose from **Main Landing Gear** for .40-.60-sized planes or **Profile Landing Gear** for .40-sized planes. Both include two polished nickel-hardened, spring-steel axles and hardware.

GBG00256	256 Main Landing Gear .40-.60.....	19.99	17.99
GBG00257	257 Profile Landing Gear .40.....	17.99	15.99



## Wheels

For the "light" answer to wheels for weight-sensitive aircraft, turn to Du-Bro! Designed for the absolute minimum in weight, one-piece **Micro Lite** wheels feature a narrow wheel, wide hub and 2 sets of wheel retainers. The 5-spoke design of **Micro Sport** wheels adds sporty looks, but virtually nothing to all-up weight. The 1/2" **Micro Tailwheel** weighs just 0.2 g; the 3/8", just 0.4 g. Both include 4 wheel retainers. Paintable, ABS **Micro Steerable Tailwheel** includes strut and 1/2" wheel and requires only glue for installation. All other wheels feature feature 2-piece, press-together nylon hubs and super-light foam tires. Choose from **Mini Lites**; diamond-pattern **Diamond Lites**; and treaded **Super Lites**. All (except Micro Steerable Tailwheel) sold in pairs.



DUBQ0100	Mini Lite Wheels 1" (2).....	✓ \$3.89
DUBQ0123	Micro Sport Wheels 1.23" (2).....	✓ 2.19
DUBQ0125	Mini Lite Wheels 1-1/4" (2).....	✓ 3.99
DUBQ0126	Mini Lite Wheels 1-1/2" (2).....	✓ 4.19
DUBQ0145	Micro Sport Wheels 1.45" (2).....	✓ 2.69
DUBQ0175	Super Lite Wheels 1-3/4" (2).....	✓ 4.79
DUBQ0176	Super Lite Wheels 2" (2).....	✓ 4.99
DUBQ0178	Super Lite Wheels 2-1/4" (2).....	✓ 5.39
DUBQ0179	Super Lite Wheels 2-1/2" (2).....	✓ 5.59
DUBQ0180	Super Lite Wheels 2-3/4" (2).....	✓ 6.99
DUBQ0181	Super Lite Wheels 3" (2).....	✓ 7.39
DUBQ0182	Diamond Lite Wheels 2-1/2" (2).....	✓ 9.39
DUBQ0183	Diamond Lite Wheels 2-3/4" (2).....	✓ 10.59
DUBQ0184	Diamond Lite Wheels 3" (2).....	✓ 11.59
DUBQ0186	Micro Sport Wheels 1.86" (2).....	✓ 3.19
DUBQ0200	Micro Lite Wheels 2" (2).....	✓ 3.19
DUBQ0250	Micro Lite Wheels 2 1/2" (2).....	✓ 3.49
DUBQ0251	Micro Sport Wheels 2.50" (2).....	✓ 3.59
DUBQ0252	Micro Sport Wheels 3" (2).....	✓ 4.79
DUBQ0912	Micro Tail Wheel w/Retainers 1/2" (2).....	✓ 1.80
DUBQ1926	Micro Steerable Tail Wheel.....	✓ 4.19

## Micro E/Z Links



Micro E/Z Link .032

Secure connections can't get any easier! No need to make a Z-bend — just snap-fit a lightweight **Micro E/Z Link** onto your pushrod, make a 90° bend and push the **E/Z Link** in place! Four/package.

DUBQ0923	Micro E/Z Link .047.....	✓ \$1.40
DUBQ0944	Mini E/Z Link .062 (4).....	✓ 1.40
DUBQ1782	Micro E/Z Link .032 (4).....	✓ 1.40
DUBQ1783	E/Z Links .072 (2-56) (4).....	✓ 1.45
DUBQ1784	E/Z Link .093 (4).....	✓ 2.09

## Micro Clevises



.032

Plastic keeps them light — threaded brass couplers make them strong. Sets for **0.032** or **0.047** wire include two each of clevises, couplers, 0.031" steel retainer pins and silicone keepers.

DUBQ0917	.032.....	✓ \$3.09
DUBQ0921	.047.....	✓ 3.09

## Control Horns

Adjustable **Heavy-Duty Control Horn System** for big planes features black nylon plastic arms and aluminum pins and nuts. Self-adjusting **HD Adjustable Control Horns** for .40 and larger models include all mounting hardware. Twin mounting pads on the **Adjustable Control Horn** hold it firmly in place. A 5-40 bolt offers almost 1-1/2" of height adjustment. All other horns include a backplate mount and hardware. Mounting plate on **Large T Control Horns** features 4 bolt holes for massive, large-scale strength. Most models feature four adjustment holes; **Super Strength T Horn** features five. Also available: nylon, brass and steel **90° Bellcrank** and nylon **4-40 Horn Bracket**.



HD Control Horn System (2)

DUBQ1863	HD System (2).....	✓ \$8.99
DUBQ1880	HD Dual System .40-.91.....	✓ 6.29
DUBQ1882	HD Dual System .91 & Up.....	✓ 11.29
DUBQ1885	HD Control Horn .40-.91.....	✓ 6.69
DUBQ1912	HD Adjustable .40-.91 (2).....	✓ 7.39
DUBQ1913	HD Adjustable .91 & Up (2).....	✓ 9.49
DUBQ1960	Adjustable Control Horn.....	✓ 2.69
DUBQ1970	Large Nylon Horn (2).....	✓ \$1.00
DUBQ1975	1/2A Control Horn (2).....	✓ 1.00
DUBQ1980	T-Style Nylon Horns (2).....	✓ 1.00
DUBQ1983	Super Strength T Horn (2).....	✓ 1.75
DUBQ1985	Large T Control Horns (2).....	✓ 2.09
DUBQ2000	Bellcranks 90 Degree (2).....	✓ 1.40
DUBQ2047	3/32" Horn Bracket 4-40.....	✓ 1.40

## Mini E/Z Connectors

Get the quality and dependability of larger E/Z Connectors, in a miniature size that's a must for park flyer models! The lightweight aluminum connector — only 0.25 g — accepts up to 0.047" wire. A 2-56 machine screw locks the wire into place. Mini E/Z Connectors can be press-fit into Du-Bro's Mini Servo Arms for a secure linkage. Available in packages of 2 or 12.



DUBQ0645	Mini E/Z Connectors (2).....	✓ \$2.69
DUBQ0910	Mini E/Z Connectors (12).....	✓ 14.99

## Micro Pushrod Systems

### Micro Pushrod System (2)

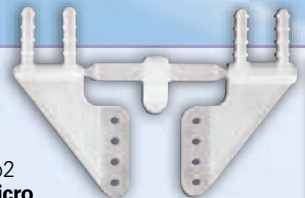


**Micro2 System** features 0.47" dia. pushrods. **Mini System** rods are 0.062" dia., while **30" Micro** rods are 0.030". All include everything for 2 linkages and are compatible with nylon **Guides**.

DUBQ0922	30" Micro2 System (2).....	✓ \$6.59
DUBQ0924	Micro Guide (4).....	✓ 1.35
DUBQ0941	Mini System .062.....	✓ 6.99
DUBQ1427	Micro System (2).....	✓ 5.19
DUBQ1852	30" Micro.....	✓ 6.29

## Micro Control Horns

When fractions of a gram count, count on Du-Bro. Molded nylon **Micro** and **Micro2** horns feature base pins for easy gluing and secure installations. Micro is 1/2" high, with 3 holes on the horn. Micro2 is 5/8" high, with 4 holes. Black plastic **Micro Adjustable** horns weigh just 1 g each — and **Razor** cuts that to just 0.49 g! Razor features molded-in push pins, a bottom plate and 2 rod positions. Micro Adjustable features positioning points to prevent plate movement and an inclined screw design for perfectly easy positioning.



Micro2 Control Horn (2)

DUBQ0919	Micro2 (2).....	✓ \$1.20
DUBQ0935	Micro Adjustable (2).....	✓ 1.70
DUBQ0936	Micro Razor (2).....	✓ \$1.40
DUBQ1986	Micro (2).....	✓ 1.10

## Park Flyer Accessories

Du-Bro park flyer accessories offer ready-made answers to micro construction and foamy fabrication. The **Micro Pull-Pull System** delivers maximum control precision in a 2.2 gram package. And, like other products shown here — including the **Micro Aileron System** and **Micro Ball Link** sets — it's all-in-one complete. **Micro Profile Landing Gear** fits profile fuselages up to 5/8" wide. Also available: black nylon **Micro Tail Skid** and 1" x 15" **Hinge Tape**.

### Micro Pull-Pull System

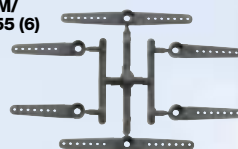


DUBQ0916	Hinge Tape.....	✓ \$4.79
DUBQ0928	Micro Ball Link .032 (2).....	✓ 3.69
DUBQ0929	Micro Ball Link .047 (2).....	✓ 3.69
DUBQ0937	Micro E/Z Hinge (15).....	✓ 4.19
DUBQ0943	Micro Profile Landing Gear.....	✓ 8.39
DUBQ1420	Micro Pull-Pull System.....	✓ 8.39
DUBQ1850	Micro Aileron System (2).....	✓ 5.19
DUBQ1853	Micro Tail-Skid.....	✓ 1.40

## Servo Arms

### S3108M/HS50/55 (6)

At last, servo arms long enough



for the extra throw needed on electric 3D airplanes! All include four single arms and two double arms made of 100% virgin nylon, to withstand the stress of 3D aerobatics and remain lightweight.

DUBM6930	Micro XL S3108M/HS50/55 (6).....	✓ \$6.29
DUBM6931	Micro XL 94631/JR-241 (6).....	✓ 6.29
DUBM6932	Micro XL Nw/Std/MP1 MX50 (6).....	✓ 6.29
DUBM6933	Micro XL Blu 303/MP1 MX30 (6).....	✓ 6.29

## Snow Skis



Snowbird Skis Main Black

Everything for snow fun including hardware! Choose from 7" black plastic skis for **Park Flyers** and black or hi-viz fluorescent pink plastic **Snowbird Skis** for planes up to .60-size.

DUBQ6825	Snowbird Skis Main Black.....	✓ \$22.79
DUBQ6826	Snowbird Skis Nose Black.....	✓ 12.29
DUBQ6827	Snowbird Skis Main Pink.....	✓ 22.79
DUBQ6830	Park Flyer Snow Skis (2).....	✓ 10.29



## Pushrods & Linkages

Strong nylon **Heavy Duty Control Arms & Clevises** add security to linkages in .40 and larger models. Special materials used in **Lazer Pushrods** smooth operation and minimize trim re-sets due to temperature changes.

**Flex Cables** provide free movement around tight bends and are ideal for engine control.

Steel and nylon **Kwik-Links** are used for connections to threaded rods or couplers. **Safety Lock Kwik-Links** feature a lock that slides into a groove on the brass-plated steel pin for extra security. **E/Z Connectors** provide a sure grip when using steel wire. **Heavy Duty Ball Links** feature burnished brass swivel balls for smooth operation.

## Heavy Duty Ball Links 4-40 (12)



DUBQ0878	HD Cntrl Arms & Clevises .40-.90 (2)	\$3.99
DUBQ0879	HD Cntrl Arms & Clevises .91 Up (2)	7.39
DUBQ0898	Heavy Duty Ball Links 4-40 (12)	22.79
DUBQ0899	Heavy Duty Ball Links 4-40 (2)	4.19
DUBQ0901	Dual Swivel Ball Link 2-56 (2)	5.19
DUBQ0902	Dual Swivel Ball Link 4-40 (2)	5.19
DUBQ1400	Strip Aileron Hook-Up	5.29
DUBQ1405	Nylon Steel Rod Assembly	2.39
DUBQ1410	Mini Nylon Steel Pushrod (2)	2.79
DUBQ1415	Lazer Pushrod 36"	5.29
DUBQ1416	Lazer Pushrod 48"	5.99
DUBQ1417	2-56 Pull-Pull System	7.39
DUBQ1418	4-40 Pull-Pull System	9.19
DUBQ1419	Lazer Pushrod Exits (2)	2.59
DUBQ1425	Flex Cable 20"	2.69
DUBQ1430	Flex Cable 36"	3.89
DUBQ1435	Flex Cable 48"	4.59
DUBQ1463	Pushrod Housing 30" (18)	17.59
DUBQ1464	Threaded Rod 2-56 12" (6)	3.09
DUBQ1465	2-56 Full Threaded Rod 12" (12)	15.69
DUBQ1470	Threaded Rod 2-56 12" (36)	20.99
DUBQ1475	Threaded Rod 2-56 30" (36)	26.99
DUBQ1478	Threaded Rod 4-40 12" (6)	3.49
DUBQ1479	Full Threaded Rod 4-40 12" (12)	17.99
DUBQ1480	Threaded Rod 4-40 12" (24)	15.69
DUBQ1485	Threaded Rod 4-40 30" (24)	21.69
DUBQ1500	4-40 Kwik Link (2)	1.49
DUBQ1505	4-40 Kwik Link 1" Rod (12/7)	2.09
DUBQ1510	2-56 Safety Lock Kwik Link (12)	11.99
DUBQ1511	4-40 Safety Lock Kwik Link (12)	2.09
DUBQ1514	4-40 Safety Lock Kwik Link (12)	11.99
DUBQ1515	2mm Safety Lock Kwik Link (2)	2.09
DUBQ1518	2mm Safety Lock Kwik Link (12)	11.99
DUBQ1550	Kwik Link 12" (12)	11.19
DUBQ1585	Rod & Nylon Kwik Link 12" (5)	3.49
DUBQ1610	Kwik Link Clevis (2)	1.25
DUBQ1620	Nylon Mini-Links (2)	.95
DUBQ1650	Threaded Couplers (2)	1.40
DUBQ1655	Threaded Coupler Large (5)	2.79
DUBQ1675	Solder Link (2)	1.30
DUBQ1680	4-40 Solder Links (2)	1.80

DUBQ1705	Threaded Ball Links	\$1.85
DUBQ1720	Aileron Horn Wire Ball Link (2)	3.09
DUBQ1725	1/16 Threaded Ball Link	1.85
DUBQ1745	4-40 HD Threaded Ball Link	2.29
DUBQ1755	Dual Take-Off Ball Link	1.95
DUBQ1760	Ball Link Strip Aileron	5.79
DUBQ1766	Swivel Ball Link 4-40	1.85
DUBQ1767	2-56 Swivel Ball Link 4-40 Rod	1.85
DUBQ1768	2-56 Swivel Ball Link/Hardware	1.85
DUBQ1771	Swivel Ball Links 2mm w/Hardware	3.49
DUBQ1773	Swivel Ball Links 2-56 w/Hardware (2)	3.49
DUBQ1775	Adj Ball Links 4-40 w/Hardware (2)	4.39
DUBQ1777	Swivel Ball Links 2-56 w/4-40 Hardware (2)	3.49
DUBQ1780	Strip Aileron Horn Connector (2)	1.90
DUBQ1790	2-56 Swivel Ball Link (12)	16.39
DUBQ1791	4-40 Swivel Ball Link (12)	16.39
DUBQ1800	Rod Ends Steel 4-40 (2)	9.79
DUBQ1805	4-40 Threaded Rod End (2)	3.59
DUBQ1810	Rod Ends Solder 4-40 (2)	3.59
DUBQ1815	4-40 Threaded Coupler (2)	1.85
DUBQ1860	E/Z Connectors (2)	1.70
DUBQ1866	Kwik Grip E/Z Connector (2)	1.85
DUBQ1870	Heavy Duty E/Z Connector	1.90
DUBQ1872	Heavy Duty 4-40 E/Z Connector	2.09
DUBQ1881	HD Dual Pull-Pull System .40-.91	11.29
DUBQ1883	HD Dual Pull-Pull System .91 & Up	18.49
DUBQ1884	Heavy Duty Ball Link 4-40	2.39
DUBQ1890	Threaded Rod 2-56 .072 48" (24)	33.99
DUBQ1891	Threaded Rod 4-40 .093 48" (24)	34.99
DUBQ2001	4-Stroke Throttle Linkage	4.99
DUBQ2262	Heavy Duty Ball Links 4-40 (2)	4.19
DUBQ2263	Heavy Duty Ball Links 4-40 (12)	22.79
DUBQ2266	Heavy Duty Ball Links 6-32 (2)	4.19
DUBQ2267	Heavy Duty Ball Links 6-32 (12)	22.79
DUBQ2316	Monster Ball Links 6-32 (12)	32.99
DUBQ2318	Monster Ball Links 4-40 (12)	32.99
DUBQ2320	Monster Ball Links 3mm (12)	32.99
DUBQ2322	Heavy Duty Ball Links 3mm (12)	22.79
DUBQ3565	2-56 Kwik Link Bulk (12)	6.49
DUBQ3566	4-40 Kwik Link Bulk (12)	7.99
DUBQ3570	E/Z Connectors Bulk (12)	7.99
DUBQ9580	Fully Threaded Rod 6-32 (12)	22.19

## Wheels & Accessories

Patterned after actual wheels of WWI and other aircraft, **Vintage Wheels** feature smooth, solid foam tires mounted on paintable ABS hubs. **Smooth, Treaded and Treaded Lite** tires are mounted on aluminum-look, 8-spoke nylon Dura-Hubs. Treaded Lite tires lighten retract lifting loads with foam cores. Smooth and Treaded tires use captive air for low-bounce landings. Inflatable, smooth **Big Wheels** and narrow **Treaded Wheels** come with inflator and air seal valves. Both feature 2-piece, bolt-together hubs. Treaded wheels feature large-diameter nylon hubs to provide added strength and support for "big ones." Foam-lined **J-3 Cub Wheels** feature 2-piece hubs, plus 8.00-4 tires and yellow "Cub" wheel covers. Low-bounce **Tailwheels** feature 1-piece aluminum hubs. All Treaded Wheels, Tailwheels and 4" + Treaded Lite wheels are sold singly. All other wheels sold in pairs. **Semi-Scale Tailwheel Systems** include tailwheel and assembly, rudder bracket and springs. Sizes for planes up to 1.20.



Treaded Lite  
Wheel 5 1/2" (1)

DUBQ0350	1/8 Vintage 3.5" (2)	\$26.79
DUBQ0466	1/8 Vintage 4.66" (2)	29.99
DUBQ0560	1/5 Vintage 5.6" (2)	35.99
DUBQ0563	1/3 Vintage 9.33" (2)	59.99
DUBQ0700	Vintage 7" (2)	37.99
DUBQ0750	Smooth 1 3/4" (2)	4.79
DUBQ0755	Smooth 2" (2)	4.59
DUBQ0760	Smooth 2-1/4" (2)	5.49
DUBQ0765	Smooth 2-1/2" (2)	5.79
DUBQ0770	Smooth 2-3/4" (2)	5.39
DUBQ0775	Smooth 3" (2)	6.19
DUBQ0780	Smooth 3-1/4" (2)	6.69
DUBQ0785	Smooth 3-1/2" (2)	6.99
DUBQ0790	4-1/2" Big (2)	16.49
DUBQ0795	5" Big (2)	21.29
DUBQ0805	5-1/2" Big (2)	23.59
DUBQ0810	6" Big (2)	25.59
DUBQ0834	Treaded Lite 2" (2)	7.39
DUBQ0836	Treaded Lite 2 1/4" (2)	7.79
DUBQ0837	Treaded Lite 2 1/2" (2)	8.39
DUBQ0839	Treaded Lite 2 3/4" (2)	8.99
DUBQ0841	Treaded Lite 3" (2)	9.49
DUBQ0843	Treaded Lite 3 1/4" (2)	9.99
DUBQ0844	Treaded Lite 3 1/2" (2)	10.69
DUBQ0845	Treaded Lite 4" (1)	13.99
DUBQ0846	Treaded Lite 4 1/2" (1)	14.99
DUBQ0847	Treaded Lite 5" (1)	16.19
DUBQ0848	Treaded Lite 5 1/2" (1)	\$17.29
DUBQ0849	Treaded Lite 6" (1)	18.39
DUBQ0860	Treaded 1-3/4" (2)	4.79
DUBQ0865	Treaded 2" (2)	4.99
DUBQ0870	Treaded 2 1/4" (2)	5.49
DUBQ0875	Treaded 2 1/2" (2)	5.79
DUBQ0880	Treaded 2 3/4" (2)	5.99
DUBQ0885	Treaded 3" (2)	6.19
DUBQ0890	Treaded 3 1/4" (2)	6.69
DUBQ0895	Treaded 3 1/2" (2)	6.99
DUBQ0900	Large Scale Treaded 3 3/4" (1)	11.69
DUBQ0905	Large Scale Treaded 4" (1)	12.69
DUBQ0908	1/4 Lightweight J-3 Cub (2)	23.59
DUBQ0909	1/4 Lightweight J-3 Cub (2)	28.99
DUBQ0911	1/5 Lightweight J-3 Cub (2)	28.99
DUBQ0915	Large Scale Treaded 4 1/2" (1)	13.99
DUBQ0920	Large Scale Treaded 5" (1)	15.19
DUBQ0925	Large Scale Treaded 5 1/2" (1)	16.29
DUBQ0930	Large Scale Treaded 6" (1)	17.49
DUBQ0939	Tail 2"	5.79
DUBQ0940	Tail 3/4"	2.19
DUBQ0945	Tail 1"	2.49
DUBQ0950	Tail 1-1/4"	2.79
DUBQ0954	Tail 1-3/4"	3.49
DUBQ0955	Tail 1-1/2"	2.99
DUBQ0956	Semi-Scale Tail Sys Size 40-90	12.69
DUBQ0957	Semi-Scale Tail Sys Size 60-120	15.59
DUBQ0958	Semi-Scale Tail Sys Size 20-60	9.79

## Wing & Fuselage Rack

A "must-have" tool that frees up work space on your bench and protects planes during storage! Simply mount the two 3' lengths of track to a wall, and adjust the height of a pair of anodized aluminum rods to fit. Holds up to 5 fuselages or wings.



DUBQ5000	Wing & Fuselage	\$29.99
----------	-----------------	---------

## Mounting Hardware

**E/Z Mount Cowl System** is a great way to mount your cowl while protecting the painted surface; available for .20-.90 size and .90+ size models. **XL Nylon Wing Bolt** provides a longer reach for securing wings, and the 0.5" diameter head works with Phillips or slotted head screwdrivers.



E/Z Mount Cowl  
System .20-.90 (6)

DUBQ0998	E/Z Mount Cowl System .20-.90 (6)	\$8.59
DUBQ0999	E/Z Mount Cowl System .90 up (6)	9.49
DUBQ3010	Mount Bolt/Nuts 4-40 (4)	1.70
DUBQ3030	Socket Bolt Nut 4-40 (4)	2.19
DUBQ3035	Socket Bolt Nut 6-32 (4)	2.19
DUBQ3125	Sheet Metal Screws #2x3/8 (8)	1.85
DUBQ3126	Sheet Metal Screws #2x1/2 (8)	1.85
DUBQ3127	Sheet Metal Screws #4x1/2 (8)	1.85
DUBQ3128	Sheet Metal Screws #4x3/4 (8)	1.85
DUBQ3136	2x3/8 Button Head Sheet Metal Screw (8)	1.85
DUBQ3137	2x1/2 Button Head Sheet Metal Screw (8)	1.85
DUBQ3480	Nylon Wing Bolts 1/4-20x2" (4)	1.65
DUBQ3486	Nylon Wing Bolt XL 1/4-20x3" (4)	2.19
DUBQ3495	Heavy Duty Wing Mount Kit 1/4-20	2.69

## Hinges

Trust your model to the holding power of Du-Bro nylon hinges! A half-dozen adhesive holes per side ensure super-strong bonds. **Small Nylon Hinges** (1-1/16" x 7/16") and **Nylon Hinges** (1-1/8" x 5/8") are factory-pinned and checked for smooth action. **Heavy-Duty Hinge & Cotter Pin** for 1/4 scale offers the same reliability with the ease of a removable pin.



DUBQ2020	Nylon Hinges (6)	\$2.19
DUBQ2025	Nylon Hinges (15)	4.59
DUBQ2030	Small Nylon Hinges (6)	1.99
DUBQ2035	Small Hinges (15)	3.89
DUBQ2040	HD Hinge & Cotter Pin (15)	5.99

## Accessories

DUBQ0990	Wing Tip/Tail Skid 1-1/4" (2)	\$1.60
DUBQ0991	Wing Tip/Tail Skid 2" (2)	1.85
DUBQ0992	Wing Tip/Tail Skid 2-3/8" (2)	1.99
DUBQ1059	1/4" x 3-3/8" Axle Shaft (2)	7.49
DUBQ1100	Axle Shaft 1/8" x 1-1/4" (2)	5.59
DUBQ1105	5/32" x 1-1/4" Axle Shaft (2)	5.59
DUBQ1110	5/32" x 1-1/2" Axle Shaft (2)	5.59
DUBQ1115	3/16" x 2" Axle Shaft (2)	5.59
DUBQ1170	Dura-Collars 1/16" (4)	1.80
DUBQ1175	Dura-Collars 3/32" (4)	1.80
DUBQ1180	Dura-Collars 1/8" (4)	1.80
DUBQ1185	Dura-Collars 5/32" (4)	1.80
DUBQ1190	Dura-Collars 3/16" (4)	1.80
DUBQ1200	Dura-Collar 1/4" (2)	2.09
DUBQ1240	Gear Strap (4)	1.10
DUBQ1250	Super Strength Landing Gear .35-.61	13.69
DUBQ1300	Nose Gear Bent	5.19
DUBQ1305	Nose Gear Straight	5.19
DUBQ1330	Steering Arm & Connector	2.49
DUBQ1335	Long Steering Arm	1.70
DUBQ1365	Tail Wheel Bracket .40 Size	2.39
DUBQ1370	Tail Wheel Bracket .60 Size	3.09
DUBQ1375	Tail Wheel Bracket 1/4 Scale	3.79
DUBQ1925	Hatch Latch	3.09
DUBQ3425	Rigging Couplers 2-56 (4)	2.29



244 Dura Collar  
1/4" (2)

Super  
Strength  
Landing  
Gear .35-.61

DUBQ3426	Rigging Couplers 4-40 (4)	\$3.19
DUBQ3430	Steel Turnbuckle 1/4 Scale (2)	10.19
DUBQ3513	1/4" Foam Rubber	3.69
DUBQ3514	1/2" Foam Rubber	4.89
DUBQ3550	Foam Saddle Tape 3"	2.00
DUBQ3560	Dura-Collars 1/16" Bulk (12)	4.69
DUBQ3561	Dura-Collars 3/32" Bulk (12)	4.69
DUBQ3562	Dura-Collars 1/8" Bulk (12)	4.69
DUBQ3563	Dura-Collars 5/32" Bulk (12)	4.69
DUBQ3564	Dura-Collars 3/16" Bulk (12)	4.69



# AIRPLANE ACCESSORIES

## GWS FLOAT KIT

Taxi right up onto the beach with these high-quality ABS floats from GWS. Just 21" long, each float assembles easily with epoxy. Includes mounting hardware, decals and assembly instructions.



GWSQ1000	FLOAT-535 Airplane Float Kit.....	RETAIL 14.00	TOWER 14.00
----------	-----------------------------------	--------------	-------------

## HAYES™ STEEL PIN CLEVISSES



Ensure that your pushrod-servo connections stay in place with these nylon steel pin clevises! Available in standard (131) or heavy-duty (132), each package includes four clevises.

HAYQ1131	131 Clevis Only (4).....	2.75	2.69
HAYQ1132	132 Clevis Heavy Duty 4-40 (4).....	2.75	2.69

## HARRY HIGLEY'S SERVO PUSHROD CONNECTORS



Safely secure your 4-40 (0.093") pushrod wires with these handy, heavy-duty connectors from Harry Higley's! Includes 3 drilled steel connectors, 3 steel retaining washers and 3 socket cap screws.

HIGQ3150	SPC001 Servo Pushrod Connector (3)....	3.39	3.29
----------	--	------	------

## J-TEC SCALE INSTRUMENT PANEL KITS

Ensure museum-quality authenticity in 1/5 to 1/7 scale models! Each set (JT5C-JT7C) includes twenty, clear-plastic instrument bezels and a decal sheet with 83 assorted instrument faces. Each sheet includes basic instruments from WWII, WWI and "Golden Era" craft, plus instrumentation for jets, civilian craft, boats and cars.



JTCQ1005	JT5C Instrument Kit Color 1/5 Scale.....	13.95	12.99
JTCQ1006	JT6C Instrument Kit Color 1/6 Scale.....	13.95	12.99
JTCQ1007	JT7C Instrument Kit Color 1/7 Scale.....	13.95	12.99

## J'TEC CLAMP LOKS



Secure floating receiver and servo wires or fuel and air lines using J'Tec Clamp Loks. They attach simply by applying a small amount of CA glue! 18-piece sets are available for Small, Medium and Large fuel lines as well as versions for Air Lines and Single Servo Leads. 21-piece Assortment offers 7 different Clamp Lok sizes for a variety of uses.

JTCQ4000	JT-CL Clamp Loks Assortment.....	11.99	11.19
JTCQ4002	JT-CL2 Clamp Lok Large .250".....	11.99	11.19
JTCQ4003	JT-CL3 Clamp Lok Medium .215".....	11.99	11.19
JTCQ4004	JT-CL4 Clamp Lok Small .175".....	11.99	11.19
JTCQ4005	JT-CL5 Clamp Lok Air Lines .150".....	11.99	11.19
JTCQ4008	JTCLCL Clamp Lok Single Servo Leads.....	11.99	11.19

## KIMBROUGH ROTARY DRIVER SYSTEM

- Invisible — yet moves control surfaces like magic!



With the Rotary Driver System, there's no unsightly hardware to see because it's internally installed, making the places where unwanted play can start non-existent. The key is a coupler that attaches to a servo output gear; included adapters make it compatible with most manufacturers' servos. Works as well with hand-launched gliders as giant-scale warbirds. Includes hardware. Drive shafts required.

KIMA0500	500 Rotary Drive Control System.....	RETAIL 6.00	TOWER 5.79
----------	--------------------------------------	-------------	------------

## 3M™ SCOTCH EXTREME TAPE



Scotch Extreme Tape is designed for your toughest jobs, with bi-directional reinforced fibers and super-strong adhesives. Includes two 8.3 yard (7.6 m), 2" (50.8 mm) wide rolls.

MMM00055	55 Scotch Extreme Tape 2x300".....	6.49	6.19
----------	------------------------------------	------	------

## OHIO SUPERSTAR TAILWHEEL ASSEMBLIES



Improve ground control with steerable Tailwheel Assemblies from Ohio Superstar. Bend- and break-proof 1/16" spring steel leaves absorb touchdown impacts, allowing the rudder servo to double as tailwheel steering. Extra-strong Haigh Tailwheels offer true scale looks. All assemblies come with mounting hardware and wheel.

OHIQ0090	OHI0090 Tail Wheel Micro 1-3 lbs.....	15.00	13.99
OHIQ1490	OHI100 Tail Wheel Tiny 4-8 lbs.....	17.00	15.99
OHIQ2000	OHI110 Tail Wheel Small 6-12 lbs.....	19.00	17.69
OHIQ2010	OHI120 Tail Wheel Medium 10-18lbs.....	21.00	18.99
OHIQ2020	OHI130 Tail Wheel Large 16-35 lbs.....	23.00	20.79
OHIQ2040	OHI140 Tail Wheel Maxi 20-50 lbs.....	25.00	22.59
OHIQ2060	OHI160 Tail Wheel Haigh 12-22 lbs.....	31.00	27.99
OHIQ2070	OHI170 Tail Wheel Haigh XLg 22-32.....	34.00	29.99

## RADIO SOUTH PRO HINGES



Simple, "slot-and-CA" installation make Pro Hinges an easy choice for any control surface. Porous paper layers sandwiched around the hinge soak up CA for better bonds; resilient plastic hinge construction offers free movement and long life. Pro Hinges for most applications measure 1/2" x 1"; Pro Hinges 1/4 Scale measure 3/4" x 1" and handle large and giant-scale craft. The Pro-Hinge 3" strip allows you custom-create 1" wide hinges for any model aircraft.

RADQ2000	1000 Pro Hinge (18).....	2.99	2.89
RADQ2010	1010 Pro Hinge 1/4 Scale (24).....	3.29	3.19
RADQ2015	1015 Pro Hinge 3".....	5.99	5.69

## RAM LIGHTS

- Lifetime bulb warranty!



### All Navigation

Lites sets (except 1) include one each of non-flashing red, green and white nav lights. Sets 124 & 125 also include one white flashing light; Set 121 includes four! Sets 121 and 125 (for up to 96" wingspans) and 124 (for wingspans up to 168") include on/off switch. **Strobe Light** (2), **Ultra Brite** (122), xenon **Real Strobe** (23), **Dual Strobe** (42) and **Mars Rotating Beacon** (4) let you adjust flash rate. Also available: dual white **Landing Lights** (3, 16 & 123).

		RETAIL	TOWER
RAMQ0121	121 Flashing Navigation Lites.....	44.95	38.99
RAMQ0122	122 Ultra Brite Strobe Lite.....	29.95	26.99
RAMQ0123	123 Ultra Brite Landing Lites 7.2-9V.....	29.95	26.99
RAMQ0124	124 Ultra Brite Navigation Lites 168".....	39.95	35.99
RAMQ0125	125 Ultra Brite Nav Lites Non-Flash 96".....	34.95	29.99
RAMQ0187	187 Park Flyer Plus Lites.....	29.95	26.99
RAMQ2301	1 Flashing Navigation Lights 9V.....	34.95	29.99
RAMQ2302	2 Strobe Light 9V.....	24.95	22.49
RAMQ2303	3 Landing Lights 4.8V.....	39.95	35.99
RAMQ2304	4 Mars Rotating Beacon 9V.....	24.95	22.49
RAMQ2314	14 Big Plane Navigation Lights 9V.....	29.95	26.99
RAMQ2315	15 Nonflashing Navigation Lights.....	19.95	18.59
RAMQ2316	16 Econo Landing Lights 9V.....	24.95	22.49
RAMQ2323	23 Real Strobe Light 9V.....	34.95	29.99
RAMQ2324	42 Dual Xenon Strobe.....	49.95	42.99
RAMQ2383	84 Rectangular Lights (2).....	14.95	13.99

## RAM 3-WAY SIMPLE SIREN



Compact and complete, this 3 oz. unit offers users a choice of three distinct, loud sirens for any airplane, car or boat, with the ability to control them all from any radio. Each sound is acoustically recorded, then digitally reproduced and amplified by a 1" x 2.5" circuit board and a 2" speaker. Includes power switch, servo-actuated control switch and speaker/amp box. Requires 9V battery.

RAMQ2331	31 3-Way Simple Siren.....	29.95	26.99
----------	----------------------------	-------	-------

## RAM SIMPLE R/C SWITCH

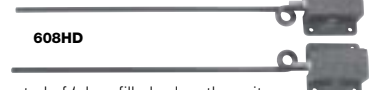
- Switches on and off...by remote control.
- Lightweight and solid-state dependable.



Great for on/off control of on-board lighting systems, airplane electric motors and other accessories up to 5A, this compact, 0.75 oz. switch makes mechanical switches and extra servos obsolete. Set desired "on" point, then turn it on with your radio. Solid-state design includes optical coupling to eliminate interference from motor noise. Includes LED monitor and adjustable reverse function. Operates from Rx power supply. Handles up to 24V.

RAMQ2312	35 Simple R/C Switch 5 Amp.....	39.95	35.99
----------	---------------------------------	-------	-------

## ROBART® MANUAL RETRACTS



Constructed of glass-filled nylon, the unit for 2-5 lb. planes (600) features smooth dependable cam operation and tempered-steel struts. Retracts for 5-10 lb. planes (608HD-611HD) are constructed from a durable filled nylon chassis. 123 non-rotating 85° or 90° Micro Main and 124 Micro Nose Gear Retracts are designed for small gas and electric powered models. All units feature positive up-and-down locks. See [www.towerhobbies.com](http://www.towerhobbies.com) for full details.

ROBQ00123	123 Micro Gear 90° Mains 3/32" Wire.....	24.00	20.79
ROBQ00124	124 Micro Gear 90° Nose 3/32" Wire.....	18.60	16.99
ROBQ00600	600 90° Mains 1/8" Wire Strut.....	35.90	29.99
ROBQ00602	602 90° Nose 1/8" Wire Strut.....	27.70	22.99
ROBQ00608	608HD 90° Mains 3/16" Wire Strut.....	43.70	34.99
ROBQ00609	609HD 85° Mains 3/16" Wire Strut.....	43.70	34.99
ROBQ00610	610 90° Nose 5/32" Wire Strut.....	32.80	27.99
ROBQ00611	611HD Tri Gear Set 3/16".....	71.00	55.99

## ROBART® RETRACT ACCESSORIES

### • Complete air kits include quick-disconnects!

If retract action has to be realistic, it has to be Robart! In-line

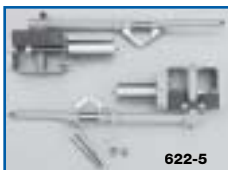
**Variable Rate Valve** (included in all Robart air control kits) controls speed of gear deployment with exhaust air pressure. **167** air valve controls air flow to air cylinders. Air control systems **157VR** (for .60-.80 size planes) and **188VR** (for .60-1.20 size craft) include all hardware, hook-ups and lines. Model 188VR adds a pressure vessel, which is required with Model 157VR. Deluxe kits (**157VRX** & **188VRX**) include a pressure vessel, plus quick-disconnects for easy maintenance. Extra-small **180** is safe for pressures up to 100 psi and can be used with air systems using 1/16" dia. tubing. Dime-sized, 0.2 oz. **173** installs quickly and reads pressures from 20-140 psi in 20-psi increments. Compatible with all pneumatic systems.



		RETAIL	TOWER
ROB00173	173 On Board Pressure Gauge	18.60	17.19
ROB00225	225 Brass Tees	7.10	6.79
ROB00226	226 Quick Tees	11.50	10.59
ROB02300	167VR Variable Rate Air Control Valve	29.50	22.99
ROB02301	157VR Large Air Control Kit	44.80	34.99
ROB02302	188VR Standard Air Control Kit	50.20	39.99
ROB02305	157VRX Large Deluxe Air Control Kit	84.10	69.99
ROB02307	188VRX Standard Deluxe Air Control Kit	78.60	64.99
ROB02360	165S 3/8" Air Cylinder 1/2" Stroke	26.20	22.99
ROB02363	164G 100 PSI Hand Pump & Gauge	38.20	33.99
ROB02365	165 3/8" Air Cylinder 1" Stroke	26.20	20.99
ROB02366	166 5/8" Air Cylinder 2 1/8" Stroke	32.20	24.99
ROB02367	167 2-Way Control Valve	20.80	17.99
ROB02368	168 Fill Valve/Fill Chuck	19.70	16.59
ROB02369	169 Pressure Tubing 10' Red/Purple	6.60	6.29
ROB02370	170 Air Line Retainer Fitting	6.60	6.29
ROB02372	172 Small Pressure Tank	10.90	9.99
ROB02375	165L 3/8" Air Cylinder 1 1/2" Stroke	29.50	25.79
ROB02380	180 Pressure Tank Extra Small	9.90	9.49
ROB02386	186 One-Way Air Control Valve	16.40	14.99
ROB02387	187 Air Control Kit 510 Economy Series	43.70	34.99
ROB02389	189 Air Line Restrictor Set Aluminum (4)	8.00	7.69
ROB02392	192 Large Pressure Tank	15.30	13.99
ROB02395	190 Air Line Quick Disconnects	9.90	9.49
ROB02406	330 Super Ball Link Control Horn 1/2" (2)	6.60	6.29
ROB02406	331 Super Ball Link Control Horn 3/4" (2)	6.60	6.29
ROB02407	332 Super Ball Link Control Horn 1" (2)	6.60	6.29
ROB02469	168B Pressure Tubing 10' Black	6.60	6.29
ROB02703	103 Main Gear Strut Large	10.90	9.99
ROB02706	106 Trike Gear Strut Small	14.20	12.99

## ROBART® PNEUMATIC RETRACTS

Strong enough for the toughest touchdowns — dependable enough for your most prized planes! All **500 Series**, for 8-18 lb. planes, feature ultra-low profiles with great strength and durability. The **510/530 Series**, for 6-12 lb. planes offers a high performance air up and spring down for an economy price that also includes an air control kit specifically designed for this series. All **600 Series** units offer Robart reliability and sport-scale economy for 6-12 lb. planes. Features include 'glass-filled' nylon housings, aluminum pivot bearings, positive up/down locks and smooth cam action; **607** nose gear also includes steering arm. **Heavy-Duty (HD)** models feature 3/16" struts for 10-14 lb. planes; giant scale **Top Flite** models can support up to 24 pounds.



ROB00005	605HD 90° Mains w/3/16" Wire	96.10	73.99
ROB00510	510WV 90° Mains w/3/16" Wire	158.40	119.99
ROB00510	510RS 90° Mains RoboStrut Ready	152.90	126.99
ROB00526	510RS 85° Mains RoboStrut Ready	152.90	126.99
ROB00530	530WV 90° Mains w/3/16" Wire	152.90	124.99
ROB00532	530RS 90° Mains RoboStrut Ready	142.00	124.99
ROB00535	531RS 85° Mains RoboStrut Ready	142.00	124.99
ROB00536	530STAG Main Gear TF Staggerwing	288.80	249.99
ROB00541	514WV 90° Nose w/5/32" Wire Rail Mount	71.00	55.99
ROB00545	514RS 90° Nose RoboStrut 3/8"	65.60	54.99
ROB00575	520RS Tri Gear 90 Rail Mount Nose RoboStrut	196.60	139.99
ROB00585	521RS Tri Gear Set RoboStrut Ready 90°	196.60	137.99
ROB00595	522RS Tri Gear 105° Fire Mnt Nose RoboStrut	196.60	139.99
ROB00620	620 Retractable Large Midwest AT-6	293.80	269.99
ROB00635	630RS 90° Heavy Duty Mains	174.80	159.99
ROB00700	700RS 90° Spring Down RoboStrut Ready	162.30	119.99
ROB00701	701RS 85° Spring Down RoboStrut Ready	162.30	124.99
ROB01620	630BZ Tri-Gear TF Bonanza/Mentor	371.30	339.99
ROB01621	530ARW Tri Gear Top Flite Piper Arrow II	349.40	299.99
ROB01623	TFCESSNA310 Tri Gear Top Flite Cessna 310	382.00	339.99
ROB01624	TFB25 Retracts Tri Gear TF B25J Mitchell	379.00	354.99
ROB01635	622-5 Mains Top Flite Giant P-51 (2)	293.80	249.99
ROB01636	622P47 Mains Top Flite Giant P-47 (2)	293.80	249.99
ROB01655	148 Mains Top Flite Giant F4U Corsair	354.90	309.99
ROB01660	640P39 Nose Top Flite P-39	158.30	139.99
ROB01730	630 90° Straight Strut	251.20	229.99
ROB01731	631 85° Straight Strut	251.20	207.99
ROB01807	607 90° Nose 5/32 Wire	66.10	49.99
ROB01815	615 100° Rotating Mains (2)	185.60	129.99
ROB01849	640 105° Nose 3-1/2" Offset Strut	152.90	125.99
ROB02210	121 Scale Retractable Tail Wheel	27.30	19.99
ROB02216	160 Retractable Tail Wheel 1/5-1/4 Scale	96.10	79.99
ROB02225	160LWC LH Offset Pneumatic Tail Wheel	147.40	134.99
ROB02230	160WC Fork Pneumatic Retractable Tail Whl.	131.00	119.99

## ROBART® SCALE & TREADED WHEELS

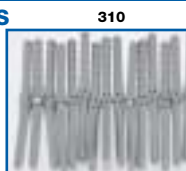
Add realism with scale tread and sidewall detail copied from the WWII originals. One side of **Scale Tread** and **Treaded** tires features authentic Goodyear sidewall copy from 32 x 8 tires; flip them over, and you'll see markings from the 690 x 200 Continental ("Deutsches Fabrikat") tire. Plastic shaft adapters/bushings included for hubs; hubs may be left open, or used with included smooth insert (for P-40s) or spokedinsert (for P-51s). **All sold in pairs.**



	116	RETAIL	TOWER
ROB01510	110 Scale Wheel 2"	11.70	10.69
ROB01511	111 Scale Wheel 2-1/4"	12.20	11.19
ROB01512	112 Scale Wheel 2-1/2"	12.40	11.29
ROB01513	113 Scale Wheel 2-3/4"	12.80	11.59
ROB01514	114 Scale Wheel 3"	13.40	12.19
ROB01515	115 Scale Wheel 3-1/4"	14.10	12.99
ROB01516	116 Scale Wheel 3-1/2"	14.70	13.39
ROB01517	117 Scale Wheel 3-3/4"	15.40	14.99
ROB01518	118 Scale Wheel 4"	16.40	15.99
ROB01532	132 Treaded Wheel 2-3/4"	12.80	11.79
ROB01533	133 Treaded Wheel 3"	14.30	12.39
ROB01534	134 Treaded Wheel 3-1/4"	14.10	12.99
ROB01535	135 Scale Wheels 3-1/2" Diamond	14.70	13.59
ROB01536	136 Treaded Wheel 3-3/4"	16.40	14.99
ROB01537	137 Treaded Wheel 4"	18.40	16.99

## ROBART® HINGE POINTS & HINGE POCKETS

Pullout-proof plastic **Hinge Points** eliminate gapping, sticking and binding, making installation a breeze. Barbed design provides multiple gripping surfaces: just cut a hole (or slot), add CA and push in place to anchor control surfaces. **Steel Pin Hinge** and 3/16" dia. **Super Hinge Points** (for large & 1/4 scale planes) add steel hinge pins for extra strength. All Hinge Points are useable alone, or they can be installed inside **Super Hinge Pockets**. Hinge Pockets install like Hinge Points, yet allow installation/removal with the turn of a set screw — great for repairs or painting. **Fowler Flap Hinges** and **Large Door Hinges** are also available for 1/5 and 1/4 scale.



ROB00311	311 Hinge Point Combo 1/8" (50)	21.80	18.99
ROB00312	312 Super Point Combo 3/16" (50)	21.80	20.99
ROB00313	311B Hinge Point Combo 1/8" (100)	29.50	25.99
ROB00314	312B Super Point Hinges Combo 3/16" (100)	35.30	29.99
ROB00318	318 Super Hinge Point Pocket (15)	6.80	6.49
ROB00345	345 Fowler Flap Hinges (4)	81.90	67.99
ROB00350	350 Large Door Hinge (2)	9.90	9.49
ROB02507	307 1/8" Steel Pin Hinge Point (6)	3.10	2.99
ROB02508	308 Steel Pin Hinge Point (15)	5.50	5.29
ROB02509	309 Super Hinge Point 3/16" (6)	3.70	3.59
ROB02510	310 Super Hinge Point 3/16" (15)	6.80	6.49

## ROBART® FIXED LANDING GEAR

Enjoy real airplane construction that's real easy to install! Like all RoboStruts,

### Straight RoboStruts

(650, 656, 660, 664, 670 and 680) feature a working torque link that absorbs touchdown impacts and keeps you in solid control. Ideal for installation on retractors or fixed gear, all feature chrome-moly steel parts and a heat-treated axle for authentic appearance and lasting use. All struts and strut sets require wheel(s). See [www.towerhobbies.com](http://www.towerhobbies.com) for full details.



ROB00539	GP-CHIPMUNK Main Gear Struts GP Chipmunk	121.80	109.99
ROB00690	690 Main Gear Giant Scale Cub	152.90	134.99
ROB01040	670 RoboStruts Top Flite Giant P-51 (2)	109.95	89.99
ROB01700	650 Straight RoboStrut 3/8"	49.10	39.99
ROB01701	651L RoboStrut 2-2 1/4" Wheel 3/8"	52.40	43.99
ROB01702	651R RH RoboStrut 2-2 1/4" Wheel 3/8"	52.40	43.99
ROB01703	652L LH RoboStrut 2-2 1/2-3/4" Wheel 3/8"	52.40	43.99
ROB01704	652R RH RoboStrut 2-2 1/2-3/4" Wheel 3/8"	52.40	43.99
ROB01707	654 Fixed Steering Nosegear RoboStrut	76.40	61.99
ROB01708	650DB Gear Door Mount Bracket (2)	10.90	9.59
ROB01709	656 Straight RoboStrut w/Fork	52.40	43.99
ROB01741	661L LH RoboStrut 2-3/4-3" Wheels	59.60	46.99
ROB01742	661R RH RoboStrut 2-3/4-3" Wheels	59.60	46.99
ROB01743	662L LH RoboStrut 3-1/4-3 1/2" Wheels	59.60	46.99
ROB01744	662R RH RoboStrut 3-1/4-3 1/2" Wheels	59.60	46.99
ROB01745	660DB Gear Door Mounting Bracket 7/16"	12.00	10.49
ROB01751	671L LH RoboStrut 3-1/2-4" Wheels	59.60	46.99
ROB01752	671R RH RoboStrut 3-1/2-4" Wheels	59.60	46.99
ROB01780	680 5/8" RoboStrut Straight	71.00	64.99
ROB01900	660 RoboStrut Straight 7/16"	53.50	43.99
ROB01925	663L LH RoboStrut 3-3/4-4" Wheel 7/16"	59.60	49.99
ROB01930	663R Right Strut 3-3/4-4" Wheel	59.60	49.99
ROB01935	664 Straight RoboStrut w/Fork 7/16"	59.60	49.99
ROB01950	670 Straight RoboStrut 1 1/2"	53.50	44.99
ROB02790	GEEBEE RoboStruts Great Planes Gee Bee	158.30	134.99

## SLIMLINE PILOTS

Molded of lightweight, durable rubber, Slimline's Xtreme Pilots provide the finishing touches your plane deserves. Go for a classic look with **Dick** (7020) and **The Duke** (7021), or go modern with **Tony** (7008), **Iceman** (7009) and **Goose** (7010). Military-themed **Flyboy** (7000) and **Joe Pilot** (7001) add realism to fast fly-bys. **G-Man** (7002) has the right attitude for aerobatics, while **Curt** (7003) and **Gramps** (7005) are great additions to any sport flyer. Also available: **Undead Ace** (7011) and **Adolf** (7022). All require a 3.8" (96.5 mm) wide cockpit.



	RETAIL	TOWER
SLIQ7000	7003 Curt Pilot	24.99 18.39
SLIQ7001	7002 G-Man Xtreme Pilot Rel 1	24.99 18.39
SLIQ7002	7000 Flyboy Xtreme Pilot	24.99 18.39
SLIQ7003	7001 Joe Pilot Xtreme Pilot	24.99 18.39
SLIQ7005	7005 Gramps Pilot	24.99 18.39
SLIQ7008	7008 Anthony/Tony Legends Pilot	28.99 25.39
SLIQ7009	7009 Iceman Legend Series	28.99 25.39
SLIQ7010	7010 Goose X-Treme Pilot	28.99 24.99
SLIQ7011	7011 Undead Ace X-Treme Pilot	28.99 24.99
SLIQ7020	7020 Dick Legends Pilot	28.99 24.99
SLIQ7021	7021 John Wayne/Duke Legends Pilot	28.99 24.99
SLIQ7022	7022 Adolf X-Treme Pilot	28.99 24.99

[www.towerhobbies.com](http://www.towerhobbies.com)



**Tower Hobbies' Online Wish List Makes Gift Giving and Receiving Easy and Fun!**

## SULLIVAN CONTROL HORNS

Tough, tempered steel in Sullivan Control Horns eliminates flex and flutter for stable, satisfying flying. Nickel plating keeps wear to a minimum, while a 'glass-filled' nylon bushing prevents metal-to-metal contact and radio interference. The 3/4" and 1-1/8" are available in left/right pairs. Made for giant-scale use, the **8-32** is available in a single-horn set suited for any control surface, and a two-horn set ideal for rudder and elevator. All can be connected with either clevis or Sullivan's Ball Joint System and all can be mounted three ways. All include control horn, nylon washer, 'glass-filled' nylon flat mounting plate, bushing and pivot.



SULQ3254	S554 Steel Control Horn 3/4" Left/Right	3.74	3.59
SULQ3257	S557 1-1/8" Control Horns Left/Right	5.44	5.19
SULQ3267	S567 8-32 Heavy Duty 1/4" Aileron Horn	5.61	5.39
SULQ3268	S568 8-32 HD 1/4" Double Rudder Horns	9.10	8.69

## SULLIVAN GENESYS IN-FLIGHT POWER SYSTEM

### • Creates electrical power from engine rpm!

It only adds 5.5 oz. to a plane's all-up weight, but it can be used to power on-board accessories, recharge NiCd/NiMHs — or do both simultaneously! Genesys works with .30-1.50 engines and automatically begins generating electricity once engine output exceeds 3,000 rpm. And if rpm drops or stops, your on-board pack automatically comes back on-line to keep flying. Recharges either 4.8V or 6.0V NiCd/NiMH packs; includes five accessory jacks on the central control unit for adding light or sound systems.



SULQ3160	S660 Genesys In-Flight Power System	196.00	159.99
----------	-------------------------------------	--------	--------



# AIRPLANE ACCESSORIES

## SULLIVAN PUSHRODS & CABLES

- **Simple, strong control for all applications!**

You can depend on Sullivan pushrods for smooth operation and minimum friction. Types include **Nylon** (S503-S506, S517), **Metal Cable** (S507, S508, S514 and S519 w/stainless steel cable), **Solid Rod** (S511, w/galvanized steel rod) and **Composite** (S580, S581). All include a Gold-N-Clevis (S527, S528), which features a unique retaining clip that prevents separation in flight. Also available: **Pull-Pull Cable Kits** S520, S521) and **2-56/4-40 Pushrod Connector** (S550).



		RETAIL	TOWER
SULQ3003	S503 Flex Pushrod w/Gold-N-Clevis 36" (2).....	6.28	5.99
SULQ3004	S504 Flex Pushrod w/Gold-N-Clevis 48" (2).....	7.28	6.99
SULQ3005	S505 Semiflex Gold-N-Rod w/Gold-N-Clevis 36".....	7.31	6.99
SULQ3006	S506 Semiflex Gold-N-Rod w/Gold-N-Clevis 48".....	8.59	8.19
SULQ3007	S507 Push Cable .032 w/Gold-N-Clevis 36".....	5.81	5.59
SULQ3008	S508 Push Cable .056 w/Gold-N-Clevis 36".....	6.44	6.19
SULQ3011	S511 Std Gold-N-Rod w/Gold-N-Clevis 36" (2).....	6.59	6.29
SULQ3014	S514 Push Cable .056 w/Gold-N-Clevis 48".....	7.25	6.99
SULQ3019	S519 4-40 Steel Pushrod/Gold-N-Clevis 36".....	7.48	7.19
SULQ3022	S522 Push Cable .032/Gold Clevis 30".....	26.66	23.99
SULQ3117	S517 GRHS36 Hi Stress Rod 36" (2).....	15.15	13.99
SULQ3120	S520 Pull .015 Steel Cable Kit.....	12.76	11.99
SULQ3121	S521 Pull Cable Kit w/Fittings.....	11.78	10.99
SULQ3127	S527 2-56 Gold-N-Clevis (12).....	7.47	6.99
SULQ3128	S528 4-40 Gold-N-Clevis (12).....	9.46	8.99
SULQ3250	S550 2-56/4-40 Pushrod Connector.....	2.47	2.39
SULQ3280	S580 2-56 Composite Flex Rod 36" (1).....	8.08	7.69
SULQ3281	S581 2-56 Composite Flex Rod 48" (1).....	12.06	11.29

## SULLIVAN TAILWHEEL BRACKETS

- **Helps reduce aircraft bounce during hard landings.**



Springs on steerable Tailwheel Brackets add shock-absorbing action. Versions for planes **2-6 lbs.**, **5-12 lbs.**, **10-22 lbs.** and **16-35 lbs.** feature simple, 2-bolt installation. Tailwheel required.

SULQ3859	S859 Tailwheel Bracket 20-40 2-6 lbs.....	8.96	8.59
SULQ3860	S860 Tailwheel Bracket 40-60 5-12 lbs.....	9.50	8.99
SULQ3861	S861 Tailwheel Bracket 60-14 10-22 lbs.....	10.08	9.39
SULQ3862	S862 Tailwheel Bracket 60-16 35 lbs.....	12.02	11.19

## SULLIVAN AIRPLANE ACCESSORIES



Turn to Sullivan for all your airplane hardware needs! Choices range from the **Flying Wires Bracing Kit to Ball Joint & Sleeve** sets to **Bulk Kevlar Cable**.

SULQ1547	S547 Flying Wire Brackets (8).....	5.52	5.29
SULQ3094	S494 4-40 Double Threaded Rods.....	6.01	5.79
SULQ3223	S523 Bulk Kevlar Cable 30'.....	14.63	12.89
SULQ3246	S546 Flying Wires Bracing Kit.....	26.43	23.79
SULQ3260	S560 2-56 Ball Connector w/Sleeve.....	3.17	3.09
SULQ3261	S562 4-40 Ball Joint & Sleeve.....	4.52	4.29

## TOP FLITE® DOUGLAS DC-3 PNEUMATIC RETRACTS

- **Scale mains for Top Flite's scale triumph!**
- **Air cylinders included.**

They not only look and function like the full-size units — they were designed and crafted by the company who knows the kit best: Top Flite. Made from stamped and tubular steel, each retract features a pair of crossbraced, hinged front legs that fold up during retraction. A Y-shaped leg braces the gear in the extended position, for added touchdown strength. Includes two main gear units and a pair of Robert® stainless steel air cylinders. Requires a Robert 188VR air control kit, pump, wheels and linkages.



TOPQ8276	Pneumatic Retracts (2) Douglas DC-3.....	169.99	139.99
----------	--	--------	--------

## TREXLER PNEUMATIC BALLOON WHEELS

- **Inflatable tires add shock-absorbing action during landing.**

Trexler Pneumatic Balloon Wheels are made of the finest latex rubber. The inflating tube and valve permit Trexler Wheels to be inflated and deflated as needed. No extra valve to bother with! After inflating, simply give the tube a few twists to prevent the escape of air and tuck between the tire and the hub. Tires come in pairs and are available in five sizes from 2-1/2" to 4-1/2". **Air Pump** also available.



		RETAIL	TOWER
TRXQ0990	#6 Wheel 2-1/2" (2).....	19.00	17.69
TRXQ1000	#8 Wheel 2-3/4" (2).....	22.00	19.99
TRXQ1010	#9G Wheel 3" (2).....	22.00	19.99
TRXQ1020	#10G Wheel 3-1/2" (2).....	24.00	21.69
TRXQ1030	#11G Wheel 4-1/2" (2).....	30.00	26.99
TRXQ1100	PUMP Air Pump.....	12.00	11.19

## U.S. AIRCORE® DELUXE EXPLORER FLOATS



A "Fold and Fly" design helps reduce assembly time to 2 hours — rugged AirCore material makes them virtually indestructible! Deluxe Explorer Floats let you taxi your .40-60-sized plane right up onto the beach with ease. Not only are they rock- and stump-proof, they're fuelproof and waterproof, too! Includes two floats, landing gear, a mounting set and hardware.

USAQ2060	2060 Deluxe Explorer Floats 36".....	59.99	49.99
----------	--------------------------------------	-------	-------

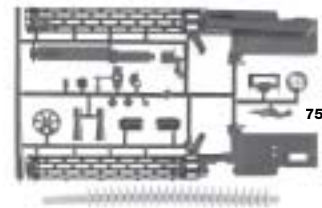
## WILLIAMS BROTHERS SCALE WHEELS



Scale looks and sleek style: Williams Brothers' wheels offer both, for virtually every kind of flyer! Choose from **Balloon Wheels** (11800-12200, 14600) in **1/12**, **1/8**, **1/6** and **1/5** scale, various scales of **Vintage** (12700-13448, 67540-48) wheels in **White** or **Beige**, ten **Smooth Contour** sizes (13600-14500) and eight **Golden Age** (14900-65000) selections. All include black rubber tires. **Sold in pairs.**

WBRQ1180	11800 1/12 Balloon Wheel 2 1/2" Dia.....	9.95	9.49
WBRQ1190	11900 1/8 Balloon Wheel 3 1/4" Diameter.....	14.25	13.19
WBRQ1200	12000 1/8 Balloon Wheel 3 3/4" Diameter.....	20.95	18.39
WBRQ1210	12100 1/6 Balloon Wheel 4 1/2" Diameter.....	27.50	23.99
WBRQ1220	12200 1/5 Balloon Wheel 5 1/4" Diameter.....	37.95	33.99
WBRQ1270	12700 1/16 Vintage 1 1/2" Diameter.....	3.75	3.59
WBRQ1284	12840 1/12 Vintage II 1 7/8" Diameter.....	6.25	5.99
WBRQ1294	12940 1/12 Vintage II 2 1/2" Diameter.....	8.95	8.59
WBRQ1304	13040 1/8 Vintage II 3 1/8" Diameter.....	13.50	12.49
WBRQ1305	13048 1/8 Vintage II-W 3 1/8" Dia Wht Tyre.....	14.50	13.39
WBRQ1306	13140 1/8 Vintage II 3 3/4" Diameter.....	19.95	18.39
WBRQ1307	13148 1/8 Vintage II-W 3 3/4" Diam Wht Tyre.....	20.95	18.39
WBRQ1324	13240 1/6 Vintage II 4 3/8" Diameter.....	21.95	19.29
WBRQ1325	13248 1/6 Vintage II-W 4 3/8" Diam Wht Tyre.....	22.95	19.99
WBRQ1334	13340 1/6 Vintage II 5" Diameter.....	25.95	22.79
WBRQ1335	13348 1/6 Vintage II-W 5" Diameter Wht Tyre.....	26.95	23.59
WBRQ1344	13440 1/5 Vintage II 5 1/4" Diameter.....	32.95	28.99
WBRQ1345	13448 1/5 Vintage II-W 5 1/4" Dia Wht Tyre.....	33.95	29.99
WBRQ1360	13600 Smooth Contour 3/4" Diameter.....	2.25	2.19
WBRQ1370	13700 Smooth Contour 1" Diameter.....	2.50	2.39
WBRQ1380	13800 Smooth Contour 1 1/4" Diameter.....	2.75	2.69
WBRQ1390	13900 Smooth Contour 1 1/2" Diameter.....	3.50	3.39
WBRQ1400	14000 Smooth Contour 2 1/4" Diameter.....	7.25	6.99
WBRQ1410	14100 Smooth Contour 2 3/4" Diameter.....	10.95	9.99
WBRQ1420	14200 Smooth Contour 3 1/4" Diameter.....	14.25	13.19
WBRQ1430	14300 Smooth Contour 3 3/4" Diameter.....	19.75	18.19
WBRQ1440	14400 Smooth Contour 4 1/2" Diameter.....	26.25	22.99
WBRQ1450	14500 Smooth Contour 5 1/4" Diameter.....	33.95	29.99
WBRQ1460	14600 Smooth Balloon 5 1/4" Diameter.....	37.95	33.99
WBRQ1490	14900 1/16 Golden Age 1 1/2" Diameter.....	3.75	3.59
WBRQ1500	15000 1/12 Golden Age 1 7/8" Diameter.....	6.25	5.99
WBRQ1510	15100 1/12 Golden Age 2 1/2" Diameter.....	8.95	8.59
WBRQ1520	15200 1/8 Golden Age 3 1/8" Diameter.....	13.50	12.49
WBRQ1530	15300 1/8 Golden Age 3 3/4" Diameter.....	19.95	18.39
WBRQ1540	15400 1/6 Golden Age 4 3/8" Diameter.....	21.95	19.29
WBRQ1550	15500 1/5 Golden Age 5" Diameter.....	25.95	22.79
WBRQ6500	65000 1/4 Golden Age 6 1/2" Diameter.....	44.95	37.99
WBRQ6754	67540 1/4 Vintage II 6 5/8" Diameter.....	44.95	37.99
WBRQ6755	67548 1/4 Vintage II-W 6 5/8" Dia Wht Tyre.....	45.95	37.99

## WILLIAMS BROTHERS MODEL ACCESSORIES



Turn your favorite WWI biplane into a fearless fighter with these assorted machine guns and ammo belts! British **Vickers** and German **Spandau** guns are available in **1/6** (16000, 16200) and **1/4** (75000, 75100) scale, as are **Tan** (16800, 75400) and **Black Ammo Belts** (16801, 75401). Also available: **1/6 scale Lewis** (16100) and **Parabellum** (16300) machine guns. See [www.towerhobbies.com](http://www.towerhobbies.com) for measurements and requirements.

		RETAIL	TOWER
WBRQ0500	16000 1/6 Vickers Aero Machine Gun.....	9.50	8.99
WBRQ0505	16100 1/6 Lewis Aero Machine Gun.....	7.95	7.59
WBRQ0510	16200 1/6 Spandau Aero Machine Gun.....	9.50	8.99
WBRQ0515	16300 1/6 Parabellum Aero Machine Gun.....	9.95	9.49
WBRQ0520	16800 1/6 Ammo Belt Tan Original.....	2.50	2.39
WBRQ0525	16801 1/6 Ammo Belt Black.....	2.50	2.39
WBRQ0530	75000 1/4 Vickers Aero Machine Gun.....	16.95	15.59
WBRQ0535	75100 1/4 Spandau Aero Machine Gun.....	16.95	15.59
WBRQ0540	75400 1/4 Ammo Belt Tan Original.....	4.95	4.79
WBRQ0545	75401 1/4 Ammo Belt Black.....	4.95	4.79

## WILLIAMS BROTHERS SCALE PILOT KITS

Add lifelike detail to any plane with Williams Brothers pilot kits!

Choices include:

**Military** (17000-17200) with full helmet and amber visor; **Standard** (17400-17700, 62500) with leather helmet and clear goggles and the bare-headed **Sportsman** (18300-18500) with wraparound amber shades. Each two-piece figure is molded from durable, flesh-colored styrene. All are available in various scales. All require model cement, flat panel paint, sandpaper and brushes.



WBRQ1000	17000 1/12 Pilot Kit Military.....	2.50	2.39
WBRQ1010	17100 1/8 Pilot Kit Military.....	3.75	3.59
WBRQ1020	17200 1/6 Pilot Kit Military.....	4.95	4.79
WBRQ1030	17400 1/12 Pilot Kit Standard.....	2.50	2.39
WBRQ1040	17500 1/8 Pilot Kit Standard.....	3.75	3.59
WBRQ1050	17600 1/6 Pilot Kit Standard.....	4.95	4.79
WBRQ1060	17700 1/5 Pilot Kit Standard.....	5.95	5.69
WBRQ1070	62500 1/4 Pilot Kit Standard.....	9.25	8.79
WBRQ1130	18300 1/8 Pilot Kit Sportsman.....	3.75	3.59
WBRQ1140	18400 1/6 Pilot Kit Sportsman.....	4.95	4.79
WBRQ1150	18500 1/5 Pilot Kit Sportsman.....	5.95	5.69

## WILLIAMS BROTHERS DUMMY ENGINES



Give your plane the scale look it deserves and improve air flow with these replica radial engines! The highly detailed, limited edition **80 Horsepower LeRhône** w/display stand is an excellent choice for any 1/6 scale WWI biplane, while the **1/8 Radial Realism Engine/Cowl Kit** is great for any plane using a 6-1/4" dia. cowl. Available in **1/12**, **1/8**, **1/6**, **1/5** and **1/4** scales, the **GPW Wasp** recreates the power plant used in many famous WWII aircraft!

WBRQ3026	80260 1/6 80 Hp LeRhône Engine.....	42.95	35.99
WBRQ3050	30500 1/12 Dummy Engine GPW Wasp.....	34.95	29.99
WBRQ3060	30600 1/8 Dummy Engine GPW Wasp.....	38.95	34.99
WBRQ3075	30750 1/6 Dummy Engine GPW Wasp.....	59.95	49.99
WBRQ3080	30800 1/5 Dummy Engine GPW Wasp.....	94.75	78.99
WBRQ3085	30850 1/4 Dummy Engine GPW Wasp.....	109.95	89.99
WBRQ3250	32500 1/8 R/C Radial Realism Engine.....	22.95	19.99



## BRUSHLESS FLIGHT MOTORS

### Join the brushless revolution!

The fun in flying is making your plane do what you want, when you want. That takes power — and that means ElectriFly motors.

They rival glow engines in pure power, but also offer pluses glow engines can't match. Lower equipment costs. Minimum maintenance. Less mess. More quiet. And more. ElectriFly Brushless motors are also more efficient than brushed motors, which translates to cooler operation and longer, stronger performance. And with their lightweight, machined metal cans, they can generally offer better power-to-weight ratios than brushed motors or glow engines. Powerful Neodymium magnets produce instant acceleration. The bearings are shielded, so friction and wear — the two biggest limits on top speeds and motor life — are almost non-existent.

There's an ElectriFly motor for every airplane, from tiny indoor flyers to 65cc gas giants. All include hardware and gold-plated bullet connectors perfect for use with matching ElectriFly brushless ESCs. For the best in brushless flight power, turn to ElectriFly!



## OUTRUNNER MOTORS



GPMG4795

**Brushless power at its easiest and most economical!**

For low cost and convenience, you just can't go wrong with a RimFire. In most cases, they don't require a gear drive, which means less cost, lower weight, easier installations and a simpler power system overall.

Huge ports boost cooling air flow, allowing RimFire motors to produce up to 50% more power than many comparably sized outrunners. All include a motor mount. The RimFire **250** includes a prop saver. The RimFire **300**, **370** and **400** also include a prop adapter. The RimFire **50cc** and **65cc** include a prop driver. All others include a prop adapter.

### Motor Shopping by the Numbers!

Match the can diameter and length to the power you want!

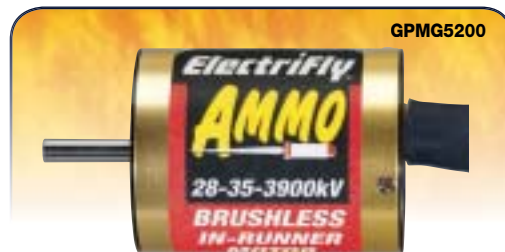
Example: XX-XX-XXXX  
 First number: Motor Diameter (mm)  
 Second Number: Motor Length (mm)  
 Third number: Output: RPM/V (kV)

### LiPo Volts-to-Cells Conversion Chart

Volts	#Cells	Volts	#Cells	Volts	#Cells	Volts	#Cells	Volts	#Cells
7.4	= 2S	14.8	= 4S	22.2	= 6S	29.6	= 8S	44.4	= 12S
11.1	= 3S	18.5	= 5S	25.9	= 7S	33.3	= 9S	55.5	= 15S



## INRUNNER MOTORS



GPMG5200

**The best in brushless efficiency and performance!**

Ammo Inrunners make maximum efficiency affordable and installation as easy as possible. They're designed for use with matched Ammo Gear Drives, but can also be used for direct-drive applications. All require a prop, mount and prop saver or adapter.

Stock #	Name	Part #	Weight (oz/g)	Input (V)	Tower
GPMG4500		22M-1000	1.5 / 32	7.4 - 11.1	✓ <b>\$31.99</b>
GPMG4502	250	28-16-1750	0.71 / 20	7.4 - 11.1	✓ <b>44.99</b>
GPMG4505	300	28-22-1380	0.95 / 27	7.4 - 11.1	✓ <b>24.99</b>
GPMG4525	370	28-26-1000	1.4 / 41	7.4 - 11.1	✓ <b>29.99</b>
GPMG4555		28-30-750	1.9 / 54	7.4 - 14.8	✓ <b>24.99</b>
GPMG4560	400	28-30-950	1.9 / 54	7.4 - 11.1	✓ <b>49.99</b>
GPMG4590		35-30-950	2.5 / 71	11.1 - 14.8	✓ <b>49.99</b>
GPMG4595	0.10	35-30-1250	2.5 / 71	7.4 - 11.1	✓ <b>49.99</b>
GPMG4615		35-36-1000	3.6 / 102	11.1 - 14.8	✓ <b>64.99</b>
GPMG4620	0.15	35-36-1200	3.6 / 102	11.1 - 14.8	✓ <b>59.99</b>
GPMG4645		35-48-1000	6.0 / 170	11.1 - 14.8	✓ <b>54.99</b>
GPMG4655		35-48-1600	6.0 / 170	7.4 - 11.1	✓ <b>54.99</b>
GPMG4675	0.25	42-40-1000	4.4 / 125	11.1 - 14.8	✓ <b>74.99</b>
GPMG4700	0.32	42-50-800	7.0 / 198	11.1 - 14.8	✓ <b>74.99</b>
GPMG4715	0.55	42-60-480	9.5 / 268	18.5 - 22.2	✓ <b>79.99</b>
GPMG4725	0.46	42-60-800	9.5 / 268	18.5 - 22.2	✓ <b>79.99</b>
GPMG4740	0.80	50-55-550	10.5 / 298	18.5 - 22.2	✓ <b>89.99</b>
GPMG4745	0.60	50-55-650	10.5 / 298	18.5 - 22.2	✓ <b>89.99</b>
GPMG4770	1.20	50-65-450	14.1 / 400	18.5 - 22.2	✓ <b>99.99</b>
GPMG4795	1.60	63-62-250	22.4 / 634	33.3 - 44.4	✓ <b>149.99</b>
GPMG4800	50cc	80-75-230	44.1 / 1250	33.3 - 55.5	✓ <b>249.99</b>
GPMG4805	65cc	80-85-160	52.2 / 1480	33.3 - 55.5	✓ <b>269.99</b>

Stock #	Part #	Weight (oz/g)	Input (V)	Tower
GPMG5105	12-30-3850	0.6 / 16	7.4	✓ <b>\$19.99</b>
GPMG5110	12-30-4110	0.6 / 16	7.4	✓ <b>24.99</b>
GPMG5115	20-30-2650	1.6 / 45	7.4 - 11.1	✓ <b>12.99</b>
GPMG5120	20-30-3500	1.6 / 45	7.4 - 11.1	✓ <b>12.99</b>
GPMG5125	20-30-4300	1.6 / 45	7.4 - 11.1	✓ <b>24.99</b>
GPMG5130	20-30-5200	1.6 / 45	7.4 - 11.1	✓ <b>24.99</b>
GPMG5135	20-40-2080	2.3 / 65	7.4 - 11.1	✓ <b>18.99</b>
GPMG5140	20-40-3500	2.3 / 65	7.4 - 11.1	✓ <b>39.99</b>
GPMG5142	20-40-4040	2.3 / 65	7.4 - 11.1	✓ <b>39.99</b>
GPMG5145	20-40-4850	2.3 / 65	7.4 - 11.1	✓ <b>24.99</b>
GPMG5150	24-33-2500	2.4 / 67	7.4 - 11.1	✓ <b>59.99</b>
GPMG5155	24-33-3180	2.4 / 67	7.4 - 11.1	✓ <b>39.99</b>
GPMG5160	24-33-3500	2.4 / 67	7.4 - 11.1	✓ <b>49.99</b>
GPMG5165	24-33-4040	2.4 / 67	7.4 - 11.1	✓ <b>49.99</b>
GPMG5170	24-33-4875	2.4 / 67	7.4 - 11.1	✓ <b>49.99</b>
GPMG5175	24-45-2350	3.6 / 101	11.1 - 14.8	✓ <b>49.99</b>
GPMG5180	24-45-2900	3.6 / 101	11.1 - 14.8	✓ <b>49.99</b>
GPMG5185	24-45-3790	3.6 / 101	11.1 - 14.8	✓ <b>54.99</b>
GPMG5190	28-35-2200	3.3 / 94	11.1 - 14.8	✓ <b>59.99</b>
GPMG5195	28-35-2700	3.3 / 94	11.1 - 14.8	✓ <b>59.99</b>
GPMG5200	28-35-3900	3.3 / 94	11.1 - 14.8	✓ <b>59.99</b>
GPMG5205	28-35-5100	3.3 / 94	11.1 - 14.8	✓ <b>59.99</b>
GPMG5210	28-45-2100	4.6 / 133	11.1 - 18.5	✓ <b>59.99</b>
GPMG5215	28-45-2700	4.6 / 133	11.1 - 18.5	✓ <b>59.99</b>
GPMG5220	28-45-3600	4.6 / 133	11.1 - 18.5	✓ <b>59.99</b>
GPMG5225	28-56-1530	5.9 / 166	11.1 - 18.5	✓ <b>64.99</b>
GPMG5230	28-56-2300	5.9 / 166	11.1 - 18.5	✓ <b>64.99</b>
GPMG5235	28-56-3200	5.9 / 166	11.1 - 18.5	✓ <b>64.99</b>
GPMG5240	36-30-3200	4.8 / 138	7.4 - 11.1	✓ <b>22.99</b>
GPMG5245	36-30-4000	4.8 / 138	11.1 - 14.8	✓ <b>24.99</b>
GPMG5250	36-30-5300	4.8 / 138	11.1 - 14.8	✓ <b>24.99</b>
GPMG5255	36-40-2250	6.5 / 185	11.1 - 14.8	✓ <b>24.99</b>
GPMG5260	36-40-2900	6.5 / 185	11.1 - 18.5	✓ <b>24.99</b>
GPMG5265	36-40-3900	6.5 / 185	11.1 - 18.5	✓ <b>29.99</b>
GPMG5285	36-50-1500	8.6 / 243	11.1 - 18.5	✓ <b>69.99</b>
GPMG5290	36-50-2300	8.6 / 243	14.4 - 22.2	✓ <b>69.99</b>
GPMG5295	36-50-3300	8.6 / 243	14.4 - 22.2	✓ <b>69.99</b>
GPMG5310	36-56-1200	10 / 283	14.4 - 22.2	✓ <b>69.99</b>
GPMG5315	36-56-1800	10 / 283	14.4 - 22.2	✓ <b>69.99</b>
GPMG5320	36-56-2600	10 / 283	14.4 - 22.2	✓ <b>69.99</b>



**Find the right motor fast at:  
[electrifly.com/powersystem](http://electrifly.com/powersystem).**



## E-PERFORMANCE™ BL POWER SYSTEM

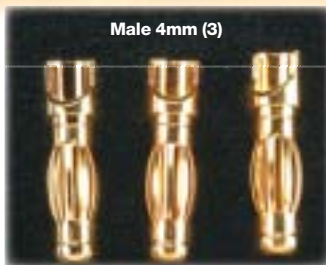
Without a doubt, this is the best ElectriFly power system for your E-Performance 3D airplane. It includes an SS-35 ESC, a RimFire™ .10 (35-30-1250kV) outrunner and a Power Series 11.1V, 1800mAh LiPo pack with a hefty 25C discharge rate. They're factory-matched for convenience and sold at a low Tower Hobbies price to make premium performance affordable. All connectors are installed and compatible for maximum, plug n' play convenience.



Stock #	Description	Tower
GPMG4920	E-Performance Series Brushless Power System .....	169.99

## GOLD-PLATED BULLET CONNECTORS

They're the "gold standard" on most ElectriFly electronics — and a big efficiency upgrade for almost any other connector. Male and female pairs of 2mm, 3.5mm, 4mm and 6mm plugs are available in 3-plug packs...just right for motor and ESC retrofits.



Stock #	Description	Tower	Stock #	Description	Tower
GPMG3110	Male 2mm (3).....	\$2.79	GPMG3114	Male 4mm (3).....	\$2.79
GPMG3111	Female 2mm (3).....	1.89	GPMG3115	Female 4mm (3).....	1.89
GPMG3112	Male 3.5mm (3).....	2.79	GPMG3116	Male 6mm (3).....	6.29
GPMG3113	Female 3.5mm (3).....	1.89	GPMG3117	Female 6mm (3).....	6.29

## ESC MOTOR SYSTEMS

T-280GD 4.1:1 Ratio

Enjoy the economy of brushed motors and the convenience of a package deal together in these all-in-one systems. All include a motor, ESC and gear drive, plus a pinion, prop, on/off switch and a battery connector. Add a battery, and you have a complete power system for minimum money.



Stock #	Description	Tower
GPMG0400	T-400GD 3.1:1 Ratio .....	\$59.99
GPMG0430	T-280GD 4.1:1 Ratio .....	44.99
GPMG0455	T-370GD Park Flyer w/C-10 ESC .....	29.99

## MOTOR MOUNTS

They're compatible with most brushless motors — and easy, no-mod fits for Ammo™ and RimFire™ motors! They have the same bold pattern as Great Planes Adjustable Engine Mounts (GPMG1041-1101), for easy glow-to-electric retrofits. Mounts are keyed to can diameter and adjust to can length. Hex-head hardware makes installation and adjustments easy. **Small** fits 24mm Ammo/28mm RimFire cans. **Medium** fits 28mm Ammo/35mm RimFire motors. Buy **Large** for 36mm Ammo/42 & 50mm RimFire motors and **Extra-Large** for 63mm RimFires.



Medium

Stock #	Description	Tower
GPMG1250	Small .....	\$14.99
GPMG1255	Medium .....	15.99
GPMG1260	Large .....	19.99
GPMG1265	Extra Large .....	21.99

## FERRITE MOTORS

They're great as a way to stretch your motor budget and an inexpensive option for powering planes for first-time pilots. "S" series motors pour on the speed; "T" motors provide extra torque. All include capacitors and all except 600 motors include a 2-pin connector. Both 280-size motors include leads; all others require them.



S-600  
7.2-8.4V

Stock #	Description	Tower
GPMG0300	T-280 7.2-9.6V .....	\$7.99
GPMG0305	S-280 7.2-8.4V Ball Bearing .....	19.99
GPMG0310	T-370 6.0-9.6V .....	7.99
GPMG0325	T-400 7.2-8.4V .....	8.99
GPMG0700	T-600 7.2-9.6V .....	13.99
GPMG0705	T-600R 7.2-9.6V .....	13.99
GPMG0710	S-600 7.2-8.4V .....	15.99

## HYPERFLOW™ DUCTED FAN UNITS

Ultra-light and incredibly durable, the Hyperflow unit is one of the most efficient electric fan units available. Use of state-of-the-art computer modeling and flow analysis eliminated time-wasting "time and error" testing in favor of quick identification and enhancement of performance factors. Both units include durable, impact-resistant housing, ring and fan blades. Both can be used with either brushed or brushless 370 motors. GPMG3911 requires a motor; GPMG3910 includes a brushed ball bearing 370 motor.

370 EP w/Motor



Stock #	Description	Tower
GPMG3910	370 EP w/o Motor .....	\$21.99
GPMG3911	370 EP w/Motor .....	32.99

## Super Tigre® OUTRUNNER BRUSHLESS MOTORS

There's no reason to give up high performance for affordability nor any reason to compromise on quality to get a low price — not when you can have all three with a SuperTigre brushless motor. They're built for no-nonsense performance and value and backed by one of the most trusted names in R/C. The number of choices makes it simple to choose the right components for your plane, and those of many other popular models, as well. Component compatibility is 100%; SuperTigre components are *designed* to work together — and connectors are attached so you can buy — and fly — almost immediately.



Stock #	Description	Tower
SUPG8030	370 Brushless Motor .....	\$18.99
SUPG8040	400 Brushless Motor .....	21.99
SUPG8050	.10 Brushless Motor .....	23.99



## RTF means Ready-To-Fly!



### Tower Hobbies® Site Spotlights the Finest in Ready-To-Fly Aircraft!

RTFPlanes.com is a website devoted exclusively to the best in ready-to-fly aircraft and accessories. It's your one-stop source for a wide selection of outstanding trainer, scale and sport planes, plus sailplanes and helicopters...all factory-built!



*Airplanes!*



*Helicopters!*

*Accessories! and more!*

**It's all here!**

*Check it out now!*

**www.RTFPlanes.com**

### CASTLE™ CREATIONS BULLET CONNECTORS



CCBUL4X3

Designed for high-current applications, these gold-plated bullet connectors ensure minimum power losses and maximum performance. Available in **4mm** for 13-16 AWG, **5mm** for 10-13 AWG and **6mm** for 8-13 AWG.

		Retail	Tower
CSEM0001	CCBUL4X3 4mm 16G/13G 75A (3).....	3.99	3.79
CSEM0002	CCBUL5.5x3 5mm 13G/10G 150A (3).....	5.49	5.29
CSEM0003	CCBUL6.5x3 6.5mm 13G/8G 200A (3).....	6.99	6.69

### INTEGY 200W BRUSHLESS MOTOR SYSTEM

A great upgrade for everything from slow-flyers to warbirds! Includes a 1000kV outrunner motor, an ESC with one-button setup and a 6V, 3A BEC capable of handling up to 4 micro servos. Its advanced design automatically controls output current to accept 8x5, 8x6, 9x5 and 9x6 prop sizes. Also features LED and sound confirmation. Arrives assembled, with leads and connectors. Requires a 7.4-14.8V LiPo battery.



		Retail	Tower
INTA1002	C22492 200W Outrunner+ESC System.....	38.99	33.99

### GWS GEAR PULLERS

Change pinions easily with a GWS gear puller. The pinions can be removed with a selection from one of three included tail spindles. The gear pullers are all-metal, with a brass puller body and guide bolt. **Micro** gear puller is used for motors with shaft sizes of 1.0mm-2.0mm; **Standard** size works for 2.0mm-3.2mm shafts. Instructions included.



		Retail	Tower
GWSG3000	GP-MICRO Gear Puller Tool Micro.....	12.50	12.50
GWSG3001	GP-STD Gear Puller Tool Standard.....	15.00	15.00

### MASTER AIRSCREW® 05 PROP ADAPTER

Made from lightweight aluminum, this simple assembly installs in just minutes with the hex wrench that's included. It slips into place on 3.17 mm (1/8") motor shafts and attaches with a set screw. Recommended for 7x4, 7x6, 8x4 and 8x6 props.



		Retail	Tower
MASG2000	MA3200 05 Prop Drive Adapter.....	4.99	4.79



# AIRCRAFT ELECTRONIC SPEED CONTROLS



## ELECTRONIC SPEED CONTROLS

*The name to know in electric flight!*



**Silver Series 45D Brushless 45A ESC Dual Battery Input**



**Silver Series 25A Brushless ESC 5V/2A BEC**



**C-12 Micro Brushed ESC w/BEC**



**Silver Series 45A Brushless ESC 5V/2A BEC**



**C-35 Mini Brushed ESC w/BEC**

There's a lot to say about ElectriFly ESCs. They're compact, they're powerful. And they're great values packed with the features and conveniences pilots want most. Universal radio, Deans® battery and gold-plated bullet motor connectors are factory-installed for plug 'n play ease. NiCd/NiMH/LiPo compatibility is a standard feature, along with smooth, proportional control, high-frequency switching, heat protection, Safe Start, automatic low-voltage cutoff setup and a 180-day limited warranty. Most also include on/off brake, overload protection and a powerful, weight-saving BEC. *C Series Brushed ESCs* include jumpers for setting battery type and audible tones and LED cues to simplify setup. **C-25**, **C-35** and **C-55** add on/

off brake...a feature also found on *Silver Series Brushless ESCs*. Designed for 7-12 NiCd/NiMH or 1-4 LiPo cells, they automatically detect pack voltage at hookup and set cutoffs to match. Simple operation and affordable prices make them easy choices for high-performance applications with either inrunner and outrunner motors. Overload protection — and 8.5kHz switching for smoother, cooler operation — are standard features of all six models. Combining the optional **Programming Card** to the optically coupled **SS-60** expands your performance-tuning options to the maximum. You can set a custom voltage cutoff, reverse motor rotation, turn brake and safe start on or off, and change timing angle and frequency.

Stock #	Description	Retail	Tower
GPMM1800	Silver Series 8A Brushless ESC 5V/1A BEC	\$49.99	\$32.99
GPMM1810	Silver Series 12A Brushless ESC 5V/1A BEC	54.99	34.99
GPMM1820	Silver Series 25A Brushless ESC 5V/2A BEC	69.99	39.99
GPMM1830	Silver Series 35A Brushless ESC 5V/2A BEC	79.99	49.99
GPMM1840	Silver Series 45A Brushless ESC 5V/2A BEC	89.99	59.99
GPMM1841	Silver Series 45D Brushless 45A ESC Dual Input	94.99	59.99
GPMM1850	Silver Series 60A Brushless ESC High Volt	149.99	99.99

Stock #	Description	Retail	Tower
GPMM1895	Silver Series Programming Card SS-60,80,100	\$15.99	\$9.99
GPMM2005	C-7 Nano Brushed ESC w/BEC	34.99	19.99
GPMM2015	C-12 Micro Brushed ESC w/BEC	39.99	24.99
GPMM2025	C-25 Mini Brushed ESC w/BEC	59.99	34.99
GPMM2035	C-35 Mini Brushed ESC w/BEC	69.99	41.99
GPMM2055	C-55 Mini Brushed ESC w/BEC	79.99	49.99

## Heli-Max™ BRUSHLESS ELECTRONIC SPEED CONTROLS

Ideal for 400-450 size helis and compatible with NiCd, NiMH and LiPo packs, Heli-Max ESCs detect voltage and cell type on hook-up and set the voltage cut-off automatically. Common features include on/off brake, hard/soft start modes, a hefty 5.3V BEC and thermal overload protection. Like the **40A**, the **25A** is available with a red-anodized aluminum heat sink. Universal radio connector included. Battery and motor connectors required.



**w/Heatsink 25A**



**25A**

**w/Heatsink 40A**

Stock #	Description	Retail	Tower
HMXM3000	Brushless ESC 25A	\$69.99	\$31.99
HMXM3002	Brushless ESC w/Heatsink 25A	79.99	35.99
HMXM3004	Brushless ESC w/Heatsink 40A	109.99	49.99



## BRUSHLESS ESCS

Programmable FlightPower ESCs are as light and dependable as cutting-edge electronics can make them and built with the same care and quality as their LiPo packs. Their 10-control selection covers virtually any flight application, from tiny park fliers to giant-scale masterpieces. All ESCs offer the precision of high-resolution throttle control, weight-saving BECs for dependable power delivery and 2-pin battery and universal radio connectors. Performance features — including soft/normal start; timing; cutoff type; cutoff voltage; on/off brake; on/off heli governor; and; reset — can be programmed from your transmitter. Programming conveniences include the optional **Programming Card** for at-field use and the optional **PC USB Link** for programming on a PC. All require motor connectors.

**NiCd,  
NiMH and LiPo  
compatible!**

80A 2-6S LiPo



Stock #	Description	Tower	Stock #	Description	Tower	Stock #	Description	Tower
FPWM0206	6A 2-3S LiPo..... ✓	\$34.99	FPWM0222	25A 2-4S LiPo..... ✓	\$39.99	FPWM0238	80A 2-6S LiPo.....	\$159.99
FPWM0210	10A 2-3S LiPo..... ✓	\$34.99	FPWM0226	30A 2-4S LiPo..... ✓	\$59.99	FPWM0242	100A 2-6S LiPo.....	\$162.99
FPWM0214	12A 2-3S LiPo..... ✓	\$39.99	FPWM0230	40A 2-6S LiPo..... ✓	\$81.99	FPWM0280	Program Card ESCs ✓	\$17.99
FPWM0218	18A 2-4S LiPo..... ✓	\$45.99	FPWM0234	60A 2-6S LiPo..... ✓	\$119.99	FPWM0281	PC USB Link ESCs.. ✓	\$24.99



## BRUSHLESS ELECTRONIC SPEED CONTROLS

The only thing more impressive than the way these ESCs perform is the value they offer. They're priced like no-name items on the web, but offer the quality and support of Supertigre — a name you know and trust. Combined with SuperTigre motors and 11.1V LiPo packs, they offer simple ways to assemble power systems for a wide variety of applications. Connectors are compatible and already attached, for fast, easy hookup and installation. 180-day limited warranty.



20 Amp

Stock #	Description	Retail	Tower
SUPM1020	20 Amp Brushless ESC 5V/2A BEC.....	\$39.99	\$29.99
SUPM1030	30 Amp Brushless ESC 5V/2A BEC.....	49.99	39.99

### GWS ESCS

In the air, less weight equals more power and flight time — two things that GWS ESCs provide. All *Brushed*, forward-only ICS flight controls for NiCd and NiMH packs feature ultra-light, reliable PC-board electronics, leads, a BEC and auto cut-off. All except the **5A** model (which includes a JR connector) also features a Futaba® "J" plug.



ICS480/F

GWSM2058	ICS100E/J Speed Control 5A 3.6-9.6V JR..... ✓	Retail 13.13	Tower 13.13
GWSM2065	ICS300/F Speed Control 8A 6-9.6V Futaba..... ✓	10.50	10.50
GWSM2077	ICS480/F Speed Control 15A 6-9.6V Futaba..... ✓	14.00	14.00
GWSM2081	ICS600/F Speed Control 30A 6-9.6V Futaba..... ✓	26.25	26.25

### GWS LIPO ESCS

Get more performance for less weight with these LiPo-compatible ESCs from GWS! **ESC300A**, **ESC480**, **ESC600** and *brushless* **GWESC15A** are only compatible with LiPo packs. The versatile **Brushless 35A ESC** can be used with 5-12 cell NiCds and NiMHs as well as 2-4 cell LiPos. See [www.towerhobbies.com](http://www.towerhobbies.com) for complete requirements.



ESC600

GWSM2113	ESC300A LiPo Speed Control 8A 2S/3S JR..... ✓	12.25	12.25
GWSM2116	ESC480 LiPo Speed Control 15A 2S/3S Futaba..... ✓	15.75	15.75
GWSM2118	ESC600 LiPo Speed Control 30A 2S/3S Futaba..... ✓	28.00	28.00
GWSM2200	GWESC15A Speed Control Brushless Motor 15A JR..... ✓	25.00	25.00
GWSM2202	GWESC35A 35A Electronic Speed Control..... ✓	45.00	45.00

### TACTIC™ TSC600 ESC

Originally designed for the Flyzone™ Cessna® 182 Skylane®, this 15A Tactic ESC is so versatile, it's a great choice for ultra-light and micro-sized park fliers, too! Features auto cut-off, an on/off switch and compatibility with 7.2V-8.4V NiMHs. Includes a universal connector and 2-pin battery/motor connectors.



TACM6600	TSC600 ESC..... ✓	Retail 19.99	Tower 17.99
----------	-------------------	--------------	-------------

### TACTIC™ BL-18 BRUSHLESS ESC



The perfect drop-in replacement for your FlyZone™ Cessna® 182 Skylane® Select Scale™ EP RTF! Compatible with 11.1V LiPo packs, this 18A ESC includes pre-installed connectors.

TACM6610	BL-18 Brushless ESC..... ✓	49.99	34.99
----------	----------------------------	-------	-------





## NEW PHOENIX ICE AND PHOENIX ICE LITE SERIES

WITH HIGH POWER SWITCHING BEC AND BUILT-IN DATA LOGGING

### Phoenix Ice Lite Series:

- 6s LiPo/25 volts max
- Ideal for sailplanes and pylon racers

### Phoenix Ice Series:

- 8s LiPo/34 volts max
- Ideal for helis and sport aircraft



Stock #	Description	Retail	Tower
CSEM6000	Phoenix Ice Lite 50 ESC	\$99.95	\$84.99
CSEM6700	Phoenix Ice Lite 75 ESC	\$119.95	\$101.99
CSEM6100	Phoenix Ice Lite 100 ESC	\$139.95	\$118.99
CSEM6900	Phoenix Ice 50 ESC	\$99.95	\$84.99
CSEM7000	Phoenix Ice 75 ESC	\$119.95	\$101.99
CSEM7100	Phoenix Ice 100 ESC	\$139.95	\$118.99

## PHOENIX HV SERIES

- 12s LiPo max, Opto-isolated throttle lead
- Ideal for large aircraft, EDFs, and helis



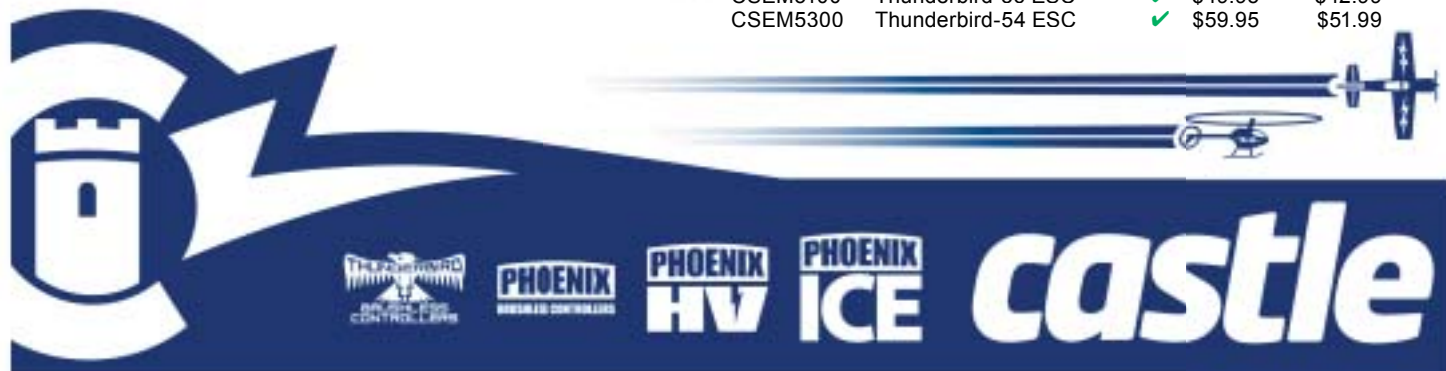
Stock #	Description	Retail	Tower
CSEM2013	Phoenix HV-30 ESC	✓ \$139.95	\$118.99
CSEM2016	Phoenix HV-45 ESC	\$159.95	\$135.99
CSEM2017	Phoenix HV-85 ESC	\$209.95	\$178.98
CSEM2018	Phoenix HV-110 ESC	\$269.95	\$229.98

## THUNDERBIRD SERIES

- Low cost, high value
- Ideal for sport flying



Stock #	Description	Retail	Tower
CSEM5500	Thunderbird-6 ESC	✓ \$29.95	\$25.99
CSEM0057	Thunderbird-9 ESC	✓ \$29.95	\$25.99
CSEM5800	Thunderbird-18 ESC	✓ \$39.95	\$33.99
CSEM5100	Thunderbird-36 ESC	✓ \$49.95	\$42.99
CSEM5300	Thunderbird-54 ESC	✓ \$59.95	\$51.99



PHOENIX - THE ULTIMATE IN PROGRAMMABILITY FOR HELI PILOTS

<b>Brushed</b>									
Manufacturer	Model	Stock #	Brake	Reverse	Cells	Weight (oz)	Connector Rx-Battery-Motor	Dimensions	Capacity Turns/Amps
Great Planes	C-7 Nano	GPMM2005	N	N	6-8	0.2	Univ-Micro-Bullet	0.66x0.28x0.43	7A
Great Planes	C-12 Micro	GPMM2015	N	N	6-8	0.28	Univ-Micro-Bullet	0.83x0.31x0.43	12A
Great Planes	C-25 Mini	GPMM2025	Y	N	6-10	0.85	Univ-Deans-Bullet	0.98x0.43x0.71	25A
Great Planes	C-35 Mini	GPMM2035	Y	N	6-12	1.08	Univ-Deans-Bullet	1.3x0.43x0.71	35A
Great Planes	C-55 Mini	GPMM2055	Y	N	6-12	1.22	Univ-Deans-Bullet	1.42x0.43x0.71	55A
GWS	ICS-100E J	GWSM2058	N	N	3-8	0.18	Univ-2 Pin-2 Pin	0.8x0.4x0.2	5A
GWS	ICS-300 F	GWSM2065	N/A	N/A	5-8	0.35	Fut J-2 Pin BEC	1.0x0.49x0.35	15A
GWS	ICS-480 F	GWSM2077	N/A	N/A	5-8	0.49	Fut J-2 Pin BEC	1.0x0.49x0.35	25A
GWS	ICS-600 F	GWSM2081	N	N	5-8	0.71	Fut J-None-None	1.5x0.93x0.38	30A
Tactic	TSC600	TACM6600	N	N	6-7	0.35	Univ- 2 Pin-2 Pin	0.94x0.65x0.24	15A
<b>BRUSHLESS</b>									
Castle Creations	Thunderbird 6	CSEM5500	Y	Y	5-12/ 2-3 LiPo	0.14	Univ-None-None	1.02x0.67x0.32	6A
Castle Creations	Thunderbird 9	CSEM0057	Y	Y	5-12/ 2-3 LiPo	0.3	Univ-None-None	1.02x0.67x0.32	9A
Castle Creations	Thunderbird 18	CSEM5800	Y	Y	5-12/ 2-3 LiPo	0.6	Univ-None-None	1.32x0.9x0.34	18A
Castle Creations	Thunderbird 36	CSEM5100	Y	Y	10/ 3 LiPo	0.7	Univ-None-None	1.5x1x0.35	36A
Castle Creations	Thunderbird 54	CSEM5300	Y	Y	10/ 3 LiPo	1.2	Univ-None-None	2x1.15x.04	54A
Castle Creations	Phoenix-30 High Voltage	CSEM2013	Y	N	12 LiPo	1	Univ-None-None	2x1x0.5	30A
Castle Creations	Phoenix-45 High Voltage	CSEM2016	Y	N	5-16	1.0	Univ-None	0.95x1.72x0.40	45A
Castle Creations	Phoenix-85 High Voltage	CSEM2017	Y	N	1-36	4.2	Univ-None	1.55x2.8x1.0	85A
Castle Creations	Phoenix-110 High Voltage	CSEM2018	Y	N	1-36	5.3	Univ-None	1.55x2.8x1.0	110A
Castle Creations	Phoenix Ice Lite 50	CSEM6000	Y	Y	6 LiPo	1.22 w/wires	Univ-None-None	1.6x0.81x1.3	50A
Castle Creations	Phoenix Ice Lite 75	CSEM6700	Y	Y	6 LiPo	2 w/wires	Univ-None-None	2.6x0.9x1.3	75A
Castle Creations	Phoenix Ice Lite 100	CSEM6100	Y	Y	6 LiPo	2 w/wires	Univ-None-None	2.6x0.9x1.3	100A
Castle Creations	Phoenix Ice 50	CSEM6900	Y	Y	8 LiPo	0.08 w/wires	Univ-None-None	1.6x0.5x1.04	50A
Castle Creations	Phoenix Ice 75	CSEM7000	Y	Y	8 LiPo	1.02 w/wires	Univ-None-None	2.5x0.5x1.1	75A
Castle Creations	Phoenix Ice 100	CSEM7100	Y	Y	8 LiPo	1.12 w/wires	Univ-None-None	2.5x0.5x1.1	100A
FlightPower	6A 2-3S LiPo	FPWM0206	Y	N	5-10/ 2-3 LiPo	0.2	Univ-2 Pin-None	0.98x0.47x0.24	6A
FlightPower	10A 2-3S LiPo	FPWM0210	Y	N	5-10/ 2-3 LiPo	0.26	Univ-None-None	1.1x0.71x0.24	10A
FlightPower	12A 2-3S LiPo	FPWM0214	Y	N	5-10/ 2-3 LiPo	0.42	Univ-None-None	1.26x0.96x0.24	12A
FlightPower	18A 2-4S LiPo	FPWM0218	Y	N	6-12/ 2-4 LiPo	0.67	Univ-None-None	1.85x0.20x0.27	18A
FlightPower	25A 2-4S LiPo	FPWM0222	Y	N	6-12/ 2-4 LiPo	0.78	Univ-None-None	1.85x1.02x0.27	25A
FlightPower	30A 2-4S LiPo	FPWM0226	Y	N	6-12/ 2-4 LiPo	0.78	Univ-None-None	1.85x1.02x0.27	30A
FlightPower	40A 2-6S LiPo	FPWM0230	Y	N	6-18/ 2-6 LiPo	1.06	Univ-None-None	2.05x1.1x0.43	40A
FlightPower	60A 2-6S LiPo	FPWM0234	Y	N	6-18/ 2-6 LiPo	2.18	Univ-None-None	2.95x1.18x0.55	60A
FlightPower	80A 2-6S LiPo	FPWM0238	Y	N	6-18/ 2-6 LiPo	2.33	Univ-None-None	2.95x1.18x0.55	80A
FlightPower	100A 2-6S LiPo	FPWM0242	Y	N	5-18/ 2-6 LiPo	4.09	Univ-None-None	3.34x2.16x0.67	100A
Great Planes	Silver Series 8A	FPWM0280	Y	N	6-12	0.39	Univ-2R Micro-Bullet	1.18x0.79x0.24	8A
Great Planes	Silver Series 12A	FPWM0281	Y	N	6-12	0.49	Univ-2R Micro-Bullet	1.30x0.91x0.24	12A
Great Planes	Silver Series 25A	GPMM1820	Y	N	6-12	0.92	Univ-Bullet-Ultra	1.58x1.02x0.31	25A
Great Planes	Silver Series 35A	GPMM1830	Y	N	6-12	1.13	Univ-Bullet-Ultra	2.0x1.02x0.31	35A
Great Planes	Silver Series 45A	GPMM1840	Y	N	6-12	1.76	Univ-Bullet-Ultra	2.76x1.30x0.39	45A
Great Planes	Silver Series 45D	GPMM1841	Y	N	7-12/ 4 LiPo	1.76	Univ-Deans-Bullet	2.76x1.30x0.39	45A
Great Planes	Silver Series 60A	GPMM1850	Y	Y	14-32/ 4-12 LiPo	3.13	Univ-Deans-Bullet	2.3x1.9x0.7	60A
GWS	ESC300A	GWSM2113	N	N	5-8/ 2-3 LiPo	0.35	Univ-2 Pin-None	1.0x0.5x0.4	8A
GWS	ESC480	GWSM2116	N	N	2-3 LiPo	0.49	J-Std-Bullet	1.0x0.49x0.35	15A
GWS	ESC600	GWSM2118	N	N	2-3 LiPo	0.71	J-None-None	1.5x0.91x0.35	30A
GWS	GWESC15A	GWSM2200	N	N	2-4 LiPo	0.6	Univ-None-Bullet	1.6x1x0.20	15A
GWS	GWESC35A	GWSM2202	N	N	5-12/ 2-4 LiPo	N/A	None	9x1x0.5	35A
HeliMax	25 Amp	HMXM3000	N	N	6-10	0.88	Univ-None	1.5x0.95x0.24	25A
HeliMax	25 Amp w/Heatsink	HMXM3002	N	N	6-10	0.88	Univ-None	1.9x0.98x0.39	25A
HeliMax	40 Amp	HMXM3004	Y	N	6-10/2-3 LiPo	1.83	Univ-None-None	1.7x.98x0.39	40A
SuperTigre	20 Amp Brushless 5V/2A	SUPM1020	Y	N	6-12/ 2-3 LiPo	1.1	Univ-ST-Bullet	1.7x1.0x0.3	20A
SuperTigre	30 Amp Brushless 5V/2A	SUPM1030	Y	N	6-12/ 2-3 LiPo	1.2	Univ-ST-Bullet	2x1x0.3	30A
Tactic	BL-18	TACM6610	N/A	N/A	3 LiPo	N/A	Univ- -Bullet	N/A	18A





Our best value in  
low-weight, low-heat  
covering!

# TOWERKOTE™

Ready to put the finishing touches on your model? Tower Hobbies has you covered, with TowerKote...a pliable, lightweight, low-heat covering material that comes in nine of your favorite, eye-popping colors — Red, Yellow, Cub Yellow, Orange, White, Black and three shades of Blue — all in very generous 6' x 26" rolls.

TowerKote covering is such a great value that even while you're stretching a limited budget, you can pick up multiple rolls and give yourself a wide palette of colors for creating imaginative trim schemes.

You'll knock the socks off of your fellow fliers!

And TowerKote works wonders over just about any aircraft surface. Because of its low heat requirements, TowerKote is perfect for use on foam and most plastics — producing a beautiful, glossy finish without damaging your model. You can even use TowerKote to trim over other coverings!

With its built-in flexibility, you'll have no trouble stretching TowerKote easily over compound curves — with results that are tight and wrinkle-free. Its special adhesive gives you a fast, drumtight bond...for a smooth, durable, dynamic and affordable finish that you'll enjoy for years.

**Low-weight,  
low-temp and  
low-priced!**

**Only  
\$7.99  
per Roll**

Yellow

Cub Yellow

Orange

Red

Black

Dark Blue

Medium Blue

Light Blue

White

**Extremely versatile... perfect for foam and even most plastics.**

Stock #	Description	Retail	Tower	Stock #	Description	Retail	Tower	Stock #	Description	Retail	Tower
TOWQ1000	TowerKote Red 6' .....	\$11.99	<b>\$7.99</b>	TOWQ1003	TowerKote Dark Blue 6' .....	\$11.99	<b>\$7.99</b>	TOWQ1006	TowerKote Black 6' .....	\$11.99	<b>\$7.99</b>
TOWQ1001	TowerKote White 6' .....	11.99	<b>7.99</b>	TOWQ1004	TowerKote Medium Blue 6' .....	11.99	<b>7.99</b>	TOWQ1007	TowerKote Orange 6' .....	11.99	<b>7.99</b>
TOWQ1002	TowerKote Yellow 6' .....	11.99	<b>7.99</b>	TOWQ1005	TowerKote Light Blue 6' .....	11.99	<b>7.99</b>	TOWQ1008	TowerKote Cub Yellow 6' .....	11.99	<b>7.99</b>



Our best  
values in  
covering tools!

**Tower Hobbies'  
Deluxe Heat  
Gun packs  
1000 watts of  
shrinking power  
in a lightweight,  
easy to handle,  
15-ounce unit.**

**Just set  
the iron's  
thermostat  
— and seal  
like a pro!**

## DELUXE HEAT GUN & CUSTOM SEALING IRON

**Give your models a finished, professional look.**

**Both backed by a one-year limited warranty.**

**Easy, low-cost ways to achieve tight, smooth covering jobs.**

Shrink your covering drum-tight in minutes with the Tower Hobbies **Deluxe Heat Gun**! There's no risk of scratching — it never touches the surface. The heat gun comes with an adjustable air intake baffle that provides precise air and heat control, plus a wide nozzle for shrinking large areas quickly and easily. And it's built to last — from the heavy-duty motor to the rugged, 3-position control switch.

Tack, stretch and seal your heat-shrink covering and apply trim with the **Custom Sealing Iron**. Its pointed tip and cone-shaped nose reach easily into tight areas. The upswept front shoe and non-stick coating prevent gouging and scratching. A wooden handle and metal stand protect you and your work surface. Cover your iron shoe with the Top Flite® **Hot Sock** to avoid color and adhesive build-up.

Stock #	Description	Retail	Tower
TOWR3200	Deluxe Heat Gun .....	\$34.99	<b>\$17.99</b>
TOWR3250	Custom Sealing Iron .....	24.99	<b>17.99</b>
TOPR2175	Top Flite Hot Sock Iron Cover .....	3.99	<b>3.49</b>



**Modelers' #1  
covering choice!**

MonoKote iron-on film is the finest covering you can buy, period! For over 39 years, thousands of modelers around the world have created gloriously colorful, high-gloss finishes on virtually any model surface. Activated by a heat gun or sealing iron, it stretches easily around, over and under. Even wingtips, fillets and turtledecks are a snap! The lightweight, dry adhesive film shrinks to a permanent, super-strong, drum-tight finish with knockout brilliance and superior puncture, scratch and fuel resistance. Choose from dozens of brilliant high-gloss colors, plus **Flat Finish** rolls with a low-reflective surface that suits scale warbirds to a tee. All rolls are 26" wide and 6' in length.

For low heat applications, choose **EconoKote**® iron-on film in 26" x 6' rolls and ten classic color choices. Customize your design with adhesive-backed MonoKote trim sheets; see page 88.

## Metallics ✓

6-Foot Roll  
**\$14.99**

	<b>Metallic Red</b>	TOPQ0405
	<b>Metallic Gold</b>	TOPQ0404
	<b>Metallic Green</b>	TOPQ0401
	<b>Metallic Teal</b>	TOPQ0409
	<b>Metallic Blue</b>	TOPQ0402
	<b>Metallic Plum</b>	TOPQ0403
	<b>Aluminum</b>	TOPQ0205
	<b>Metallic Platinum</b>	TOPQ0408
	<b>Metallic Charcoal</b>	TOPQ0407
	<b>Chrome</b>	TOPQ0209
	<b>Metallic Wine</b>	TOPQ0410

## Opagues ✓

6-Foot Roll  
**\$12.99**

	<b>Maroon</b>	TOPQ0213
	<b>Dark Red</b>	TOPQ0218
	<b>Missile Red</b>	TOPQ0201
	<b>Circus Pink</b>	TOPQ0215
	<b>Orange</b>	TOPQ0202
	<b>Cub Yellow</b>	TOPQ0220
	<b>Yellow</b>	TOPQ0203
	<b>Green</b>	TOPQ0214
	<b>Blue Mist</b>	TOPQ0217
	<b>Sky Blue</b>	TOPQ0206
	<b>Royal Blue</b>	TOPQ0221
	<b>Insignia Blue</b>	TOPQ0207
	<b>Cream</b>	TOPQ0212
	<b>Tan</b>	TOPQ0216
	<b>Olive Drab</b>	TOPQ0210
	<b>Jet White</b>	TOPQ0204
	<b>Dove Gray</b>	TOPQ0211
	<b>Black</b>	TOPQ0208
	<b>Dark Teal</b>	TOPQ0223
	<b>True Red</b>	TOPQ0227
	<b>Sapphire Blue</b>	TOPQ0226
	<b>Light Purple</b>	TOPQ0224
	<b>Medium Purple</b>	TOPQ0225

*25-foot rolls available  
on a limited basis — see  
[www.towerhobbies.com](http://www.towerhobbies.com)*

## Transparents ✓

6-Foot Roll  
**\$12.99**

	<b>Transparent Red</b>	TOPQ0305
	<b>Transparent Orange</b>	TOPQ0302
	<b>Transparent Yellow</b>	TOPQ0303
	<b>Clear</b>	TOPQ0200
	<b>Transparent Green</b>	TOPQ0306
	<b>Transparent Blue</b>	TOPQ0304

## Neons ✓

6-Foot Roll  
**\$17.99**

	<b>Neon Pink</b>	TOPQ0701
	<b>Neon Green</b>	TOPQ0702
	<b>Neon Yellow</b>	TOPQ0703
	<b>Neon Orange</b>	TOPQ0704
	<b>Neon Red</b>	TOPQ0705
	<b>Neon Blue</b>	TOPQ0706

## Pearls ✓

6-Foot Roll  
**\$17.99**

	<b>Pearl Red</b>	TOPQ0421
	<b>Pearl Wine</b>	TOPQ0425
	<b>Pearl Copper</b>	TOPQ0428
	<b>Pearl Yellow</b>	TOPQ0423
	<b>Pearl White</b>	TOPQ0424
	<b>Pearl Teal</b>	TOPQ0427
	<b>Pearl Blue</b>	TOPQ0426

## Flats ✓

6-Foot Roll  
**\$12.99**

	<b>Flat Olive Drab</b>	TOPQ0510
	<b>Flat Tan</b>	TOPQ0516
	<b>Flat Cream</b>	TOPQ0512
	<b>Flat Dove Gray</b>	TOPQ0511
	<b>Flat Sky Blue</b>	TOPQ0506
	<b>Flat Insignia Blue</b>	TOPQ0507
	<b>Flat Black</b>	TOPQ0508

## EconoKote ✓

6-Foot Roll **\$8.99** each

	TOPQ2608	<b>Black</b>		TOPQ2603	<b>Yellow</b>
	TOPQ2607	<b>Insignia Blue</b>		TOPQ2609	<b>Cub Yellow</b>
	TOPQ2606	<b>Sky Blue</b>		TOPQ2602	<b>Orange</b>
	TOPQ2612	<b>Cream</b>		TOPQ2610	<b>Circus Pink</b>
	TOPQ2604	<b>White</b>		TOPQ2601	<b>Red</b>







## COVERING TOOLS & ACCESSORIES

### MONOKOTE® HEAT GUN

- Heat Gun's 1000W of power shrinks covering tight in seconds!
- Includes wide nozzle, adjustable air baffles and on-off-cool switch.



**\$19<sup>99</sup>**

TOPR2000

### MONOKOTE® SEALING IRON

- Temperatures adjusts from 100° to 350° for perfect results with virtually any covering.
- Features Teflon®-coated shoe, thermostat, stand and 2-year limited warranty.



**\$19<sup>99</sup>**

TOPR2100

### HOT SOCK™ IRON COVER



**\$3<sup>49</sup>**

TOPR2175 ✓

- Slips over your iron's shoe to eliminate scratching, and prevent color and adhesive build-up. Smooth, washable 100% cotton.

### HOT GLOVE™

**\$6<sup>49</sup>**

TOPR2180 ✓



- Heat-resistant Thinsulate™ keeps your hand cool even as you use it to tack, stretch or smooth heated covering. One size fits all.

### WOODPECKER™ COVERING TOOL



**\$14<sup>99</sup>**

TOPR2190 ✓

- Eliminates bubbles under iron-on coverings, by "pecking" holes in wood that allow trapped gases to escape. 5-year limited warranty.

### TRIM SEAL TOOL

**\$19<sup>99</sup>**

TOPR2200 ✓



- Hits the spot with high/low heat settings and two tips: one for flat surfaces, another for fillets and curves!

### SMARTCUT™ TRIM TOOL

**\$7<sup>99</sup>**

TOPR2400 ✓



- Use patented SmartCut with the reversible guide to cut perfect 1/8" or 1/16" overlaps, or without to trim difficult places like inside corners. Includes two #11 blades.

### MONOKOTE® TRIM SOLVENT

**\$6<sup>49</sup>**

TOPR6020



- Brush it on MonoKote, position trim, smooth it out...and 24 hours later, you have a permanent, fuelproof, no-heat bond! 4 fl. oz.

### "SECRETS OF GREAT COVERING" DVD

**\$14<sup>99</sup>**

TOPZ0105 ✓

- Demonstrates proven techniques for easier, better-looking covering jobs! Full-color. 60 minutes.



Stock #	Description	Retail	Tower
TOPR2186	Star Templates Miscellaneous Sizes 1-5".....	\$3.99	\$2.99
TOPR2187	Scale Warbird Templates.....	12.99	9.99
TOPR2420	SmartStripe Cutting Tool.....	29.99	19.99
TOPR2425	SmartStripe Extra Roller.....	4.99	3.49
TOPR2435	SmartStripe/Cut & Knife Gift Pack.....	43.99	29.99

For more information, see [www.towerhobbies.com](http://www.towerhobbies.com)

Stock #	Description	Retail	Tower
TOPR2500	MonoKote Cleaner Polish 8 oz. ....	\$8.99	\$5.99
TOPQ2510	Panel Line Pen .....	5.99	4.49
TOPZ1025	MonoKote Trim Scheme Poster.....	3.99	2.99



# MONOKOTE®

## MONOKOTE® TRIM SHEETS

**Just "peel and stick" for a multi-colored trim!**

Trim your project like a pro—without using solvents, and without any messy, time-consuming gluing, masking or painting! Trim Sheets come with their own "peel and stick" adhesive backing. Just choose a color, cut it to size, remove the protective backing and apply. You'll get perfect results every time. Each sheet measures a generous 5" x 36".



Stock #	Description	Tower
TOPQ4101	Red.....	\$2.79
TOPQ4102	International Orange.....	2.79
TOPQ4103	Yellow.....	2.79
TOPQ4104	White.....	2.79
TOPQ4105	Aluminum.....	2.79
TOPQ4106	Insignia Blue.....	2.79
TOPQ4107	Gold Chrome.....	2.79
TOPQ4109	Black.....	2.79
TOPQ4110	Chrome.....	2.79
TOPQ4111	Checkerboard Red/White.....	4.99
TOPQ4112	Checkerboard Red/Clear.....	4.99
TOPQ4113	Checkerboard Black/White.....	4.99

Stock #	Description	Tower
TOPQ4114	Checkerboard Black/Clear.....	\$4.99
TOPQ4115	Checkerboard Black/Yellow.....	4.99
TOPQ4117	Blue Mist.....	2.79
TOPQ4118	Dark Red.....	2.79
TOPQ4120	Day-Glo Red.....	2.79
TOPQ4121	Day-Glo Orange.....	2.79
TOPQ4122	Sky Blue.....	2.79
TOPQ4125	Crystal Red.....	2.79
TOPQ4127	Circus Pink.....	1.99
TOPQ4128	Metallic Plum.....	2.79
TOPQ4129	Metallic Charcoal.....	2.79
TOPQ4131	Neon Pink.....	3.99

Stock #	Description	Tower
TOPQ4132	Neon Blue.....	\$3.99
TOPQ4133	Neon Green.....	3.99
TOPQ4134	Neon Red.....	3.99
TOPQ4135	Neon Yellow.....	3.99
TOPQ4136	Neon Orange.....	3.99
TOPQ4220	Cub Yellow.....	2.79
TOPQ4221	Royal Blue.....	2.79
TOPQ4223	Teal.....	1.99
TOPQ4225	Medium Purple.....	2.79
TOPQ4226	Sapphire Blue.....	2.79
TOPQ4227	True Red.....	2.79

## 21ST CENTURY® FILM

21st Century Film applies at 250-325° F, and quickly shrinks to a smooth, wrinkle-free finish on wood, fiberglass and foam. Fifteen sport colors offer the high-gloss appearance of paint. Seven flat colors add military authenticity to fighters, bombers and more. Resistant to changes in temperature and humidity, it holds its grip (and looks!) even after exposure to water, glow fuel, gasoline or smoke fluids. Weight: .25 oz/ft<sup>2</sup>; Roll Width: 27 in.

21 <sup>ST</sup> Century Microlite Film 6-Foot Roll	
Opagues \$14 <sup>99</sup> ✓	
White	COVQ0201
Light Red	COVQ0202
Dark Blue	COVQ0203
Lemon Yellow	COVQ0204
Orange	COVQ0205
Black	COVQ0206
Cub Yellow	COVQ0207
Dark Red	COVQ0208
Light Blue	COVQ0209
Metallic \$15 <sup>99</sup> ✓	
Aluminum	COVQ0210
Metallic Red	COVQ0211
Metallic Blue	COVQ0212

Neon \$17 <sup>99</sup> ✓	
Neon Yellow	COVQ0213
Neon Red	COVQ0214
Neon Orange	COVQ0215
Flats \$17 <sup>99</sup> ✓	
Olive Drab	COVQ0225
Dove Gray	COVQ0226
Black	COVQ0227
Tan	COVQ0228
Insignia Blue	COVQ0229
Cream	COVQ0230
Sky Blue	COVQ0231

## COVERITE™



## 21ST CENTURY® FABRIC

When the look of a hand-rubbed, laquered finish is the only thing that will do, 21st Century Fabric is the only way to go. It's not only far lighter than traditional silk-and-dope finishes; it applies with the one-step ease of an iron-on. Factory-sealed and painted, it features an open weave that allows air and gas to escape and provides the modeler with a fuelproof, drum-tight finish. Applies at 225-290°. Weight: 3.1 oz/yd<sup>2</sup>; Roll width: 27 in.

21 <sup>ST</sup> Century Fabric	6-Foot Roll \$24 <sup>99</sup> ✓	15-Foot Roll \$59 <sup>99</sup>
White	COVQ0301	COVQ0401
Light Red	COVQ0302	COVQ0402
Dark Red	COVQ0303	COVQ0403
Cub Yellow	COVQ0304	COVQ0404
Dark Blue	COVQ0305	COVQ0405
Light Blue	COVQ0306	COVQ0406
Orange	COVQ0307	COVQ0407
Cream	COVQ0308	COVQ0408
Lemon Yellow	COVQ0309	COVQ0409
Black	COVQ0310	COVQ0410
Silver	COVQ0311	COVQ0411
Middle Blue	COVQ0312	COVQ0412

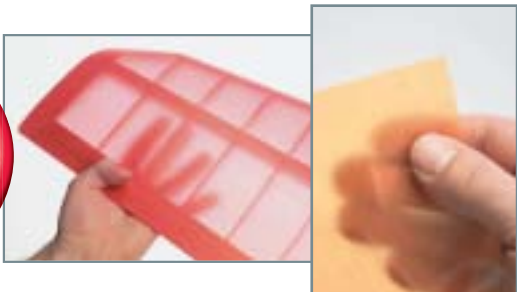
Applies at low heat—can even go on sheeted foam.



The finishing touch to building right!

## TISSUE

Weights only 1 oz./sq. yd. and seals without dope!



At just 1 oz./yd.<sup>2</sup>, CoverLite is the ideal synthetic iron-on for park flyers and other weight-sensitive craft up to 50" wingspan. Stronger than doped tissue, it's also treated with a resin compound that makes it fuel-, air- and waterproof. Applies with a brush-on adhesive (Balsarite™ recommended) — and seals tight with a sealing iron. Can also be painted with most model paints. Sold in single 36" x 19.5" sheets.

CoverLite \$5 <sup>49</sup> ✓	
White	COVQ1800
Yellow	COVQ1801
Orange	COVQ1802
Red	COVQ1803
Blue	COVQ1804
Cream	COVQ1805
Black	COVQ1806
Dark Green	COVQ1807
Silver	COVQ1808

## 21ST CENTURY® MICROLITE™ FILM

Coverite's lightest iron-on yet!

Perfect for park flyers!

■ One square yard weighs only 0.6 ounces — including adhesive!

For electric-powered planes whose performance depends on keeping weight low, Microlite iron-on covering is the perfect choice. Microlite weighs only 0.6 oz. (17 g) per square yard, and that includes the weight of a built-in adhesive layer, too. As a result, application is very easy: lay it in place, iron it on — and you're done. Although application is easy, picking a color or colors may be a challenge. Coverite gives you 13 choices, including opaques, transparents and Clear...and all are available in 27" x 77" rolls. Strong and durable, with a high-gloss shine, Microlite is a great choice for your electric aircraft.

21 <sup>ST</sup> Century Microlite Film	27"x77" Roll \$12 <sup>49</sup> ✓
Clear	COVQ0240
White	COVQ0241
Dark Green	COVQ0242
Silver	COVQ0243
Cream	COVQ0244
Black	COVQ0245
Dark Blue	COVQ0246
Yellow	COVQ0247
Red	COVQ0248
Transparent Yellow	COVQ0249
Transparent Red	COVQ0250
Transparent Blue	COVQ0251
Transparent Green	COVQ0252

## BLACK BARON® FILM

An ideal choice for foam.

Tough, tight bonds with iron-on ease!



Black Baron Film molds itself around compound curves and into corners for smooth, glossy, bubble- and crease-free finishes. Low (150-235° F) application temperatures make it great for foam as well as balsa, ply and fiberglass. Width: 27 in; Length: 72 in. Weight: 2.25 oz/yd<sup>2</sup>.

Black Baron Film	6-Foot Roll \$14 <sup>99</sup> ✓
Metallflake Red	COVQ0920
Metallflake Blue	COVQ0921
Metallflake Silver	COVQ0922
Transparent Yellow	COVQ0925

Black Baron Film	6-Foot Roll \$12 <sup>99</sup> ✓
White	COVQ0711
Fire Red	COVQ0712
Light Blue	COVQ0714
Cub Yellow	COVQ0715
Orange	COVQ0716
Black	COVQ0717
Fokker Red	COVQ0718
Cream	COVQ0719



# COVERING & ACCESSORIES

## COVERITE™ COVERING TOOLS & ACCESSORIES

The **21st Century Sealing Iron** reaches your chosen setting over 60% faster than other brands—and holds that heat within 3°F! Its unique shoe slips easily into tight areas, and is coated in scratch-preventing Blackstone™. The fiber-reinforced plastic body and handle stay cool. Includes a FREE stand and cover sock; **Cover Sock** and **Replacement Shoe** also available separately.

Match the heat of the **21st Century Trim Sealing Iron** to your covering's requirements perfectly using its sliding temperature control switch. Choose any temperature between 105° and 305°F; a red LED lights when power is "on" and intensifies as higher heat levels are selected. Two special-purpose tips, finished with super-smooth Blackstone, tackle every surface from round fillets to hinge gaps with ease. Includes a safety stand and 8.7-foot power cord. **Tips** also available separately.

For a handy, all-in-one covering tool package, order the money-saving **Gift Pack**. It includes one each of the Coverite Sealing Iron and Trim Sealing Iron. See listings below and [www.towerhobbies.com](http://www.towerhobbies.com) for more covering aids from Coverite!



Apply covering easier, with better results!

Stock #	Description	Retail	Tower
COVR2410	Pocket Thermometer.....	✓ \$7.99	\$5.99
COVR2500	Balsarite Fabric 8 oz.....	9.99	6.99
COVR2515	Balsarite Film 8 oz.....	9.99	6.99
COVR2520	Balsarite Film 16 oz.....	12.99	9.99

Stock #	Description	Retail	Tower
COVR2550	Black Baron Sealing Iron.....	\$27.99	\$17.99
COVR2600	Ironex 8 oz.....	9.99	7.99
COVR2700	21st Century Sealing Iron.....	44.99	29.99
COVR2702	21st Century Cover Sock.....	✓ 3.79	3.49

Stock #	Description	Retail	Tower
COVR2705	21st Century Iron 220/240V.....	\$44.99	\$37.99
COVR2750	21st Century Trim Sealing Iron. ✓	34.99	21.99
COVR2755	21st Century Sealing Irons Gift Pack.....	89.99	46.99

### DAVE BROWN SKYLOFT

- **The look of silk for the weight of nylon.**
- **Absorbs dope for "smooth as silk" finishes, too.**

For the sheen of genuine fabric-and-dope finishes without the weight, substitute Skyloft for silk. Made of a continuous, spun-bonded nylon, Skyloft offers exceptional strength, extreme lightness and tremendous fillability. Fills completely with three coats of dope, and sands to a smooth, hard, paintable finish. Outstanding for static display models and R/C use. Package includes complete instructions and 3 square yards of Skyloft.



DAVQ1000	5200 Skyloft 3 Square Yards.....	✓	RETAIL 4.95	TOWER 4.79
----------	----------------------------------	---	-------------	------------

### HIGLEY'S EVERSHARP FILM TRIMMER

- **Trim an entire model with only one razor blade!**

The Eversharp Film Trimmer uses inexpensive razor blades to make perfect lap joints in any plastic film covering. The film travels in one of the eight slots — which gives you eight positions on the razor edge to dull. Turn the blade over and you have eight more! Machined from solid aluminum bar stock, the durable Eversharp Film Trimmer will give years of use.



HIGR2550	JFT001 Eversharp Film Trimmer.....	✓	16.95	15.79
----------	------------------------------------	---	-------	-------

### K&S® SILK COVERING

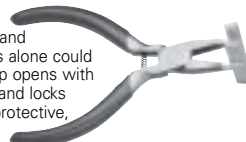
Inexpensive and easy to use, paper-based **Silkspan** is ideal for kites, gliders and other flyers. Big, 24" x 36" sheets are available in three different weights. **Aero Silk** is 100% real silk, strong and heavy enough for the biggest scale craft. 1 yd<sup>2</sup>/package.



K-SQ1000	600 White Aero Silk Covering.....	✓	RETAIL 14.50	TOWER 13.49
K-SQ1100	400 Silkspan Extra Lite 00 Weight.....	✓	38.70	34.99
K-SQ1111	399 Silkspan "000" Grade Weight (20) White.....	✓	29.80	26.99
K-SQ1120	402 Silkspan Medium SGM Weight.....	✓	47.80	39.99

### OHIO SUPERSTAR COVER TUGGER

Goes in to grip where heat would "fry" your hands — and has more "pull" than hands alone could develop. "Hammerhead" tip opens with a quick flick of the fingers, and locks onto covering edges with protective, rubber-lined jaws. Strong, even pressure exerted reduces wrinkles and bubbles, and keeps film tight so you can overlap less and use less covering overall. Vinyl-coated grips put distance between your hands and heat, providing cool comfort in use.



OHIO1000	OHI3000 Cover Tugger.....	✓	18.33	16.99
----------	---------------------------	---	-------	-------

### PACTRA® TRIM TAPE

TT22

Tired of all those rolls of striping tape that are cluttering up your bench? Each of these "master rolls" from Pactra contains a 72" length of 8 different widths of striping tape: 1/32", 3/64", 1/16", 3/32", 1/8", 3/16", 1/4" and 3/8". The self-adhesive film is fuel-resistant and can be used around tight curves with ease.



PACR6100	TT20 Trim Tape Black.....	✓	RETAIL 9.99	TOWER 9.49
PACR6101	TT21 Trim Tape White.....	✓	9.99	9.49
PACR6102	TT22 Trim Tape Royal Blue.....	✓	9.99	9.49
PACR6103	TT23 Trim Tape Sky Blue.....	✓	9.99	9.49
PACR6104	TT24 Trim Tape Red.....	✓	9.99	9.49
PACR6105	TT25 Trim Tape Orange.....	✓	9.99	9.49
PACR6106	TT26 Trim Tape Yellow.....	✓	9.99	9.49
PACR6108	TT28 Trim Tape Silver.....	✓	9.99	9.49
PACR6109	TT29 Trim Tape Gold.....	✓	9.99	9.49

**Find Completion Guides for Your Project in a Flash at:**

[www.towerhobbies.com](http://www.towerhobbies.com)

Click on Accessories Needed and you'll receive a full list of items needed to complete your kit!

Find out more about an item by clicking on the name and you'll receive the information you need!

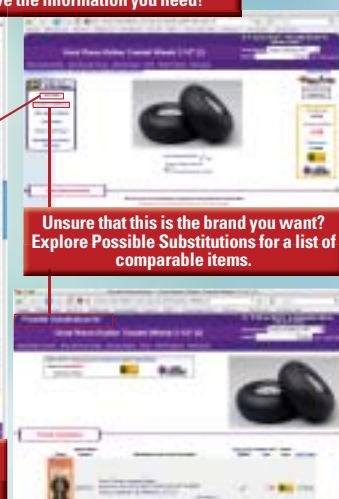
Tower Hobbies® offers extensive information on the products we offer via the World Wide Web. Once you've chosen the kit you are interested in, you can access the information you need most to make all your purchasing decisions - Accessories Needed, Parts Listings, Tech Notes and even Possible Substitutions. All this information is available to you at [www.towerhobbies.com](http://www.towerhobbies.com).



Watch for the green checkmark graphic ✓ throughout the various parts lists. These items qualify for our **Parts Express**® service. You'll enjoy reduced shipping and handling charges for orders which contain **Parts Express**® parts exclusively.



Order all the items you'll need with the click of one button or choose the items you'll need individually!



Unsure that this is the brand you want? Explore Possible Substitutions for a list of comparable items.



## POWER POINT® PROPS



Top Flite Power Point Propellers give you a visible power boost, no matter what your aircraft application may be. Strict manufacturing quality controls and tight tolerances in design and tooling give Power Point Props true, constant pitch throughout the entire blade diameter. This, combined with lower rotational mass, provides greater thrust at any rpm and less overall engine wear. Stiffer than nylon, lighter than maple, these fuelproofed beechwood props also feature a swept tip design which reduces prop "howl" for quieter flying.



Power Point's swept tip offers greater efficiency than the blunt design of other wood props.

Available in a wide array of sizes to suit every application.



Find the proper size for your engine:

Engine Size	Prop Range
.10	7x4 to 8x4
.25	8x4 to 9x6
.32	9x7 to 11x6
.40	10x6 to 11x6
.60	11x7 to 12x8
.90	13x6 to 15x8
1.2	14x6 to 16x6
2.8	18x6 to 20x10
4.2	20x8 to 24x10

**NOTE:** 4-stroke engines are typically higher torque engines and should use the larger props indicated in the range.

Recommended prop ranges will vary depending on your particular engine and airplane. This chart represents average prop usage and should be used as only a general guideline. Always refer to the manufacturer's instructions included with your engine.

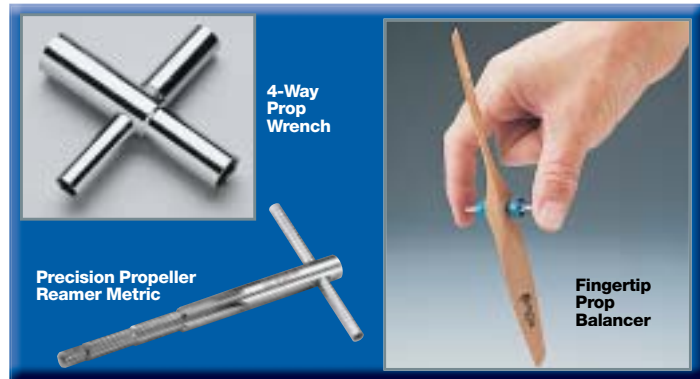
Stock#	Prop Size	Tower
TOPQ5000	7x4	\$1.89
TOPQ5010	7x6	1.89
TOPQ5020	8x4	1.99
TOPQ5030	8x6	1.99
TOPQ5050	9x4	2.29
TOPQ5055	9x5	2.29
TOPQ5060	9x6	2.29
TOPQ5065	9x7	2.29
TOPQ5075	10x4	2.49
TOPQ5080	10x5	2.49
TOPQ5085	10x6	2.49
TOPQ5086	10x7	2.49
TOPQ5090	10x8	2.49
TOPQ5095	11x4	2.99
TOPQ5105	11x6	2.99
TOPQ5110	11x7	2.99
TOPQ5120	11x8	2.99
TOPQ5125	11x10	3.49
TOPQ5140	12x6	3.49
TOPQ5145	12x8	3.49
TOPQ5155	13x6	4.49

Stock#	Prop Size	Tower
TOPQ5160	13x8	\$4.49
TOPQ5170	14x6	5.99
TOPQ5171	14x8	5.99
TOPQ5175	15x6	7.99
TOPQ5176	15x6-10	7.99
TOPQ5180	15x8	7.99
TOPQ5200	16x6	10.99
TOPQ5205	16x8	10.99
TOPQ5215	18x6	14.99
TOPQ5216	18x6-10	14.99
TOPQ5220	18x8	14.99
TOPQ5222	18x10	14.99
TOPQ5224	18x12	14.99
TOPQ5231	20x6-10	17.99
TOPQ5235	20x8	17.99
TOPQ5240	20x10	17.99
TOPQ5241	22x6-10	19.99
TOPQ5260	22x10	19.99
TOPQ5265	24x8	22.99
TOPQ5270	24x10	22.99



## PROP ACCESSORIES

All the tools you need to achieve prop perfection!



The palm-sized **4-Way Prop Wrench** features heavy-duty construction and a chrome finish that resists corrosion and rust. It features four socket sizes (5/16", 3/8", 7/16" and 1/2"). Balance props easily with the **Fingertip Prop Balancer**. Just place the prop on the rod and spin between your fingers. Works with any size prop. Help prevent vibration damage with perfectly centered prop holes. All prop reamers have a stepped design to ensure accuracy. Hardened carbon steel Precision Prop Reamers include a protective storage case and can also be used with a drill press. **Standard** version cuts 1/4", 5/16" and 3/8" holes. **Metric** version is for 1/4", 7 mm, 8 mm and 10 mm holes. The **4-Step Standard Prop Reamer** cuts 3/16", 1/4", 5/16" and 3/8" holes.

Stock #	Description	Retail	Tower
GPMP2000	4-Way Prop Wrench	\$9.99	\$6.99
GPMP5000	Fingertip Prop Balancer	4.49	4.29
GPMQ5005	4-Step Standard Prop Shaft Reamer	11.99	10.99
GPMQ5006	Precision Propeller Reamer Standard	15.99	13.99
GPMQ5007	Precision Propeller Reamer Metric	15.99	13.99



The shaft actually floats at one end — removing much of the friction that interferes with accurate balancing.



Most popular prop balancer.

Balance props, wheels, spinners and more — with accuracy never before possible!



Airplane and boat props, car wheels and tires, clutch bells, ducted fan jet rotors, nose weights, spinners... all these and more can and SHOULD be balanced on the patented Precision Magnetic Balancer. Its exclusive, nearly frictionless magnetic design helps you virtually eliminate damaging vibration — to reduce engine wear, protect radio components, prevent structural damage, lower noise and improve handling. Both ends of the steel balancing shaft are ground to perfectly centered points. The shaft is held in place between powerful Ceramic 8 magnets, with only one end actually touching a magnet. But the shaft will support and balance objects weighing up to approximately 5.5 ounces (156 g) — and propellers as large as 24x16! 5-year limited warranty.

Stock #	Description	Retail	Tower
TOPQ5700	Power Point Precision Magnetic Balancer	\$29.99	\$19.99



# PROPS, SPINNERS & ACCESSORIES



## SPINNERS



### NYLON

**Easy screw-on installation — no special adapters required.**

If you need to enlarge the engine shaft hole from the predrilled 1/4" size, the backplate's stepped guides help you stay perfectly centered. Second, the cone locks securely onto the backplate with screws instead of snapping in place.

### ALUMINUM SPINNERS

**Complete with bushings and hardware.**

When your project calls for the high-class looks of an aluminum spinner, Great Planes answers with an affordable solution. They are machined for accuracy and polished for an impressive shine. All come with bushings and hardware, and require adapter kit.

Find spinner weights, spinner nuts, and adapter kits at [www.towerhobbies.com](http://www.towerhobbies.com).

Description	Stock#	Tower
<b>1 1/2"</b>		
White Nylon	GPMQ4500.....✓	\$3.59
Black Nylon	GPMQ4501.....✓	3.59
Red Nylon	GPMQ4502.....✓	2.99
Aluminum	GPMQ4550.....✓	9.99

<b>1 3/4"</b>		
White Nylon	GPMQ4505.....✓	4.29
Black Nylon	GPMQ4506.....✓	4.29
Red Nylon	GPMQ4507.....✓	4.29
Aluminum	GPMQ4551.....✓	16.99

<b>2"</b>		
White Nylon	GPMQ4510.....✓	4.79
Black Nylon	GPMQ4511.....✓	4.79
Red Nylon	GPMQ4512.....✓	4.79
Aluminum	GPMQ4552.....✓	17.99

<b>2 1/4"</b>		
White Nylon	GPMQ4515.....✓	5.29
Black Nylon	GPMQ4516.....✓	5.29
Red Nylon	GPMQ4517.....✓	5.29
Aluminum	GPMQ4553.....✓	18.99

<b>2 1/2"</b>		
White Nylon	GPMQ4520.....✓	5.99
Black Nylon	GPMQ4521.....✓	5.99
Red Nylon	GPMQ4522.....✓	5.99
Aluminum	GPMQ4554.....✓	23.99

<b>2 3/4"</b>		
White Nylon	GPMQ4525.....✓	6.59
Black Nylon	GPMQ4526.....✓	6.59
Red Nylon	GPMQ4527.....✓	6.59
Aluminum	GPMQ4555.....✓	29.99

<b>3"</b>		
White Nylon	GPMQ4530.....✓	6.99
Black Nylon	GPMQ4531.....✓	6.99
Red Nylon	GPMQ4532.....✓	6.99
Aluminum	GPMQ4556.....✓	31.99



### NYLON WITH ALUMINUM BACKPLATES

**Low vibration design.**

A sturdy aluminum backplate holds the nylon spinner in round to keep your spinner turning truer. The engine shaft hole is stepped from 5/16" to 1/4", making it easy to keep the opening perfectly centered if enlarging is required. The spinners attach securely to the backplates with included screws.

Description	Stock#	Tower
<b>1 3/4"</b>		
White Nylon	GPMQ4755.....✓	\$6.69
Red Nylon	GPMQ4756.....✓	6.69
Black Nylon	GPMQ4757.....✓	6.69
Yellow Nylon	GPMQ4758.....✓	6.69

<b>2"</b>		
White Nylon	GPMQ4760.....✓	6.99
Red Nylon	GPMQ4761.....✓	6.99
Black Nylon	GPMQ4762.....✓	6.99
Yellow Nylon	GPMQ4763.....✓	6.99

<b>2 1/4"</b>		
White Nylon	GPMQ4765.....✓	7.49
Red Nylon	GPMQ4766.....✓	7.49
Black Nylon	GPMQ4767.....✓	7.49
Yellow Nylon	GPMQ4768.....✓	7.49

<b>2 1/2"</b>		
White Nylon	GPMQ4770.....✓	8.49
Red Nylon	GPMQ4771.....✓	8.49
Black Nylon	GPMQ4772.....✓	8.49
Yellow Nylon	GPMQ4773.....✓	8.49

<b>3"</b>		
White Nylon	GPMQ4775.....✓	9.99
Red Nylon	GPMQ4776.....✓	9.99
Black Nylon	GPMQ4777.....✓	9.99
Yellow Nylon	GPMQ4778.....✓	9.99

<b>3 1/4"</b>		
White Nylon	GPMQ4780.....✓	12.99
Red Nylon	GPMQ4781.....✓	12.99
Black Nylon	GPMQ4782.....✓	12.99
Yellow Nylon	GPMQ4783.....✓	12.99



### POWER FLOW PROPELLERS

Great Planes created these props specifically for use with electric models. The blades are specially shaped to provide optimum performance, and the blade ends are turned back to reduce drag while in flight. Power Flow propellers use less power from the motor than other props, which translates to longer flight times and more fun! All sold in pairs except GPMQ6801, which comes one per package.

Stock #	Description	Tower	Stock #	Description	Tower
GPMQ6610	8x6 Slo-Flyer EP.....✓	\$3.99	GPMQ6660	10x4.5 Slo-Flyer EP.....✓	\$3.99
GPMQ6630	9x4.5 Slo-Flyer EP.....✓	4.29	GPMQ6675	10x7 Slo-Flyer EP.....✓	3.99
GPMQ6640	9x6 Slo-Flyer EP.....✓	4.29	GPMQ6695	11x4.5 Slo-Flyer EP.....✓	4.49
GPMQ6655	10x3.5 Slo-Flyer EP.....✓	3.99	GPMQ6801	11x8.5E (1).....✓	2.99



**Great for flat foamies up to 12 oz.**

Stop instantly in mid-air...reverse flight direction at will...transition from a nose-down dive into a nose-up hover. The V-Pitch Variable Pitch Prop System — a brushless RimFire™ motor and matched advanced variable pitch control unit, all in one compact, 2.1 oz (59.5g) package — makes it possible! Seven bearings smooth away friction and power losses, creating instant response. The rotor is already installed. Mounting hardware and blades are included. Mount the blades, adjust the linkages, and you're ready to wow the crowd. ElectriFly BL12 brushless ESC required.

Stock #	Description	Retail	Tower
GPMQ4501	Variable Pitch Propeller System.....	\$99.99	\$49.99



Add performance — and flair — to your electric planes with ElectriFly E-Spinners. Their lighter weight means less rotating mass for more power and faster power changes. The prop adapter hole is stepped for easier, more accurate reaming to fit any application, and all include a lightweight, machined aluminum backplate. E-Spinners are available in four popular diameters and cool transparent colors plus aluminum. They're a great upgrade for all E-Performance Series ARFs!

**Lightweight for more power!**

Stock #	Description	Tower
GPMQ4700	1-1/2" Black w/Alum Backplate.....✓	\$6.99
GPMQ4701	1-1/2" Red w/Alum Backplate.....✓	6.99
GPMQ4702	1-1/2" Blue w/Alum Backplate.....✓	6.99
GPMQ4703	1-1/2" Aluminum.....✓	12.99
GPMQ4708	1-3/4" Black w/Alum Backplate.....✓	7.29
GPMQ4709	1-3/4" Red w/Alum Backplate.....✓	7.29
GPMQ4710	1-3/4" Blue w/Alum Backplate.....✓	7.29
GPMQ4711	1-3/4" Aluminum.....✓	18.99
GPMQ4716	2" Black w/Alum Backplate.....✓	8.99
GPMQ4717	2" Red w/Alum Backplate.....✓	8.99
GPMQ4718	2" Blue w/Alum Backplate.....✓	8.99
GPMQ4719	2" Aluminum.....✓	11.99
GPMQ4724	2-1/4" Black w/Alum Backplate.....✓	9.99
GPMQ4725	2-1/4" Red w/Alum Backplate.....✓	9.99
GPMQ4726	2-1/4" Blue w/Alum Backplate.....✓	9.99
GPMQ4727	2-1/4" Aluminum.....✓	19.99

## MASTER AIRSCREW PROPELLERS

For other Master Airscrew Products -  
See pages 81, 95 & 229.

Constant innovation, CNC precision and top-quality materials have made Master Airscrew props pilot favorites for over 25 years! Perfect for pylon racing, combat and formula one flying, **Formula One Series** props feature narrow, root-to-tip speed profile blades. Like most other props, they're molded from high-density, 'glass-filled' nylon for amazing strength and

durability. Choices include: popular **G/F Series** props for sport flying; high-efficiency **S-2 Series** scimitar props; wide-bladed **K Series** for 4-strokes; round-tipped **Classic Series** for giant-scale and WWII craft; and factory-balanced **3-Blade Series** for improved scale looks or ground clearance. Also available: **Wood Series** sport and electric props.

### FORMULA ONE SERIES



Stock #	Description	Tower	Stock #	Description	Tower
MASQ2200	6.5x3	\$1.89	MASQ2203	11.5x7.5	\$3.19
MASQ2201	9x6.5	2.89	MASQ2204	12.5x8.5	3.79
MASQ2202	9x7.5	2.89	MASQ2205	13.5x4	4.79

### K SERIES



Stock #	Description	Tower	Stock #	Description	Tower
MASQ1359	12x4 G/F Nylon	\$3.69	MASQ1380	14x6 G/F Nylon	\$6.69
MASQ1251	12x5 G/F Nylon	3.69	MASQ1390	14x8 G/F Nylon	6.69
MASQ1360	12x6 G/F Nylon	3.69	MASQ1475	15x4 G/F Nylon	8.59
MASQ1362	12x8 G/F Nylon	3.69	MASQ1560	15x6 G/F Nylon	8.59
MASQ1465	13x4 G/F Nylon	4.59	MASQ1395	15x8 G/F Nylon	8.59
MASQ1351	13x5 G/F Nylon	4.59	MASQ1519	15x10 G/F Nylon	8.59
MASQ1370	13x6 G/F Nylon	4.59	MASQ1480	16x4 G/F Nylon	9.49
MASQ1373	13x8 G/F Nylon	4.59	MASQ1400	16x6 G/F Nylon	9.49
MASQ1470	14x4 G/F Nylon	6.69	MASQ1410	16x8 G/F Nylon	9.49

### G/F SERIES



Stock #	Description	Tower	Stock #	Description	Tower
MASQ1200	5.5x4 1/2A Nylon (2)	\$3.29	MASQ1305	9x8 Nylon	\$2.09
MASQ1210	5.5x4.5 1/2A Nylon (2)	3.29	MASQ1310	9.5x6 Nylon	2.09
MASQ1220	6x3 1/2A Nylon (2)	3.29	MASQ1314	10x4 G3 Nylon	2.39
MASQ1230	6x3.5 1/2A Nylon (2)	3.29	MASQ1315	10x5 G3 Nylon	2.39
MASQ1240	6x4 1/2A Nylon (2)	3.29	MASQ1320	10x6 G3 Nylon	2.39
MASQ1245	7x3 G3 Nylon	1.79	MASQ1460	10x6 Nylon (2)	4.79
MASQ1250	7x4 G3 Nylon	1.79	MASQ1330	10x7 G3 Nylon	2.39
MASQ1255	7x5 G3 Nylon	1.79	MASQ1333	10x8 G3 Nylon	2.39
MASQ1260	7x6 Nylon	1.79	MASQ1335	10x9 Nylon	2.39
MASQ1273	8x3 Nylon	1.99	MASQ1334	11x4 G3 Nylon	2.59
MASQ1270	8x4 G3 Nylon	1.99	MASQ1336	11x5 G3 Nylon	2.59
MASQ1275	8x5 Nylon	1.99	MASQ1337	11x6 G3 Nylon	2.59
MASQ1280	8x6 Nylon	1.99	MASQ1340	11x7 G3 Nylon	2.59
MASQ1285	8x7 Nylon	1.99	MASQ1350	11x7.5 Nylon	2.59
MASQ1290	9x4 G3 Nylon	2.09	MASQ1353	11x8 G3 Nylon	2.59
MASQ1295	9x5 G3 Nylon	2.09	MASQ1355	11x9 Nylon	2.59
MASQ1300	9x6 G3 Nylon	2.09	MASQ1357	11x10 Nylon	2.59
MASQ1303	9x7 G3 Nylon	2.09			

### 3-BLADE SERIES



Stock #	Description	Tower
MASQ1890	5x3	\$3.99
MASQ0640	6x4 G/F Nylon	3.99
MASQ1900	6x4 G/F Nylon Pusher	3.99
MASQ0740	7x4 G/F Nylon	4.99
MASQ1903	8x6 G/F Nylon	5.99
MASQ1905	9x7 G/F Nylon	6.99
MASQ1966	9x7 Pusher	
MASQ1906	G/F Nylon	6.69
	10x5	7.99

Stock #	Description	Tower
MASQ1907	10x7 G/F Nylon	\$7.99
MASQ1969	10x7 Pusher	7.99
MASQ1909	11x7 G/F Nylon	8.99
MASQ2206	11x7 Pusher	8.99
MASQ1910	11x8 G/F Nylon	8.99
MASQ1926	12x6 G/F Nylon	9.79
MASQ1970	12x6 Pusher	9.79
MASQ1930	12x8 G/F Nylon	9.79
MASQ1938	13x8 G/F Nylon	10.79
MASQ2207	13x8 Pusher	10.79
MASQ1947	14x7 G/F Nylon	12.79
MASQ1948	14x7 Pusher	
	G/F Nylon	12.79
MASQ1949	14x9 G/F Nylon	12.79
MASQ1950	15x7 G/F Nylon	13.79
MASQ1960	16x8 G/F Nylon	14.69
MASQ1965	16x10 G/F Nylon	14.69
MASQ1968	16x10 Pusher	
	G/F Nylon	14.69

**Designed for higher performance  
at lower prices - and greater thrust  
at lower rpm to reduce noise!**

### S-2 SERIES



Stock #	Description	Tower	Stock #	Description	Tower
MASQ1670	14x7 Antique G/F Nylon Gray	\$6.69	MASQ1756	12x7 Scimitar Nylon	\$3.69
MASQ1705	7x4 G/F Nylon Gray	1.79	MASQ1757	12x8 G/F Nylon Gray	3.69
MASQ1706	7x5 G/F Nylon Gray	1.79	MASQ1760	13x6 G/F Nylon Gray	4.59
MASQ1710	8x4 G/F Nylon Gray	1.99	MASQ1780	13x8 G/F Nylon Gray	4.59
MASQ1720	8x5 G/F Nylon Gray	1.99	MASQ1782	13x10 G/F Nylon Gray	4.59
MASQ1724	8x6 Combat G/F Nylon Gray	1.99	MASQ1785	14x8 G/F Nylon Gray	6.69
			MASQ1790	14x10 G/F Nylon Gray	6.69
MASQ1725	9x5 G/F Nylon Gray	2.09	MASQ1800	7x6 G/F Nylon Gray	1.79
MASQ1730	9x6 G/F Nylon Gray	2.09	MASQ1805	9x4 G/F Nylon Gray	2.09
MASQ1731	9x7 G/F Nylon Gray	2.09	MASQ1810	10x4 G/F Nylon Gray	2.39
MASQ1734	10x5 G/F Nylon Gray	2.39	MASQ1815	11x4 G/F Nylon Gray	2.59
MASQ1735	10x6 G/F Nylon Gray	2.39	MASQ1820	11x5 G/F Nylon Gray	2.59
MASQ1740	10x7 G/F Nylon Gray	2.39	MASQ1825	12x5 G/F Nylon Gray	3.69
MASQ1741	10x8 G/F Nylon Gray	2.39	MASQ1830	14x6 G/F Nylon Gray	6.69
MASQ1745	11x6 G/F Nylon Gray	2.59	MASQ1835	15x6 G/F Nylon Gray	8.59
MASQ1750	11x7 G/F Nylon Gray	2.59	MASQ1840	15x8 G/F Nylon Gray	8.59
MASQ1751	11x8 G/F Nylon Gray	2.59	MASQ1845	16x6 G/F Nylon Gray	9.49
MASQ1755	12x6 G/F Nylon Gray	3.69	MASQ1850	16x8 G/F Nylon Gray	9.49

### WOOD SERIES



Stock #	Description	Tower	Stock #	Description	Tower
MASQ1100	9x4 Beechwood	\$2.49	MASQ1160	14x10 Beechwood	\$5.99
MASQ1103	9x5 Beechwood	2.49	MASQ1163	16x6 Beechwood	11.39
MASQ1106	9x6 Beechwood	2.49	MASQ1166	16x8 Beechwood	11.39
MASQ1112	10x5 Beechwood	2.69	MASQ1169	16x10 Beechwood	11.39
MASQ1115	10x6 Beechwood	2.69	MASQ1172	18x6 Beechwood	16.79
MASQ1118	10x7 Beechwood	2.69	MASQ1175	18x8 Beechwood	16.79
MASQ1124	11x6 Beechwood	2.99	MASQ1178	18x10 Beechwood	16.79
MASQ1127	11x7 Beechwood	2.99	MASQ1180	20x6 Beechwood	18.59
MASQ1130	11x8 Beechwood	2.99	MASQ1182	20x8 Beechwood	18.59
MASQ1136	12x6 Beechwood	3.89	MASQ1184	20x10 Beechwood	18.59
MASQ1139	12x8 Beechwood	3.89	MASQ1186	22x8 Beechwood	20.49
MASQ1145	13x6 Beechwood	4.79	MASQ1188	22x10 Beechwood	20.49
MASQ1148	13x8 Beechwood	4.79	MASQ1194	24x10 Beechwood	23.49
MASQ1154	14x6 Beechwood	5.99	MASQ1196	24x12 Beechwood	23.49
MASQ1157	14x8 Beechwood	5.99			

### CLASSIC SERIES



Stock #	Description	Tower
MASQ1402	12.5x5 G/F Nylon	\$4.39
MASQ1404	16x6 G/F Nylon	10.79
MASQ1406	16x8 G/F Nylon	10.79
MASQ1408	16x10 G/F Nylon	10.79
MASQ1420	18x6 G/F Nylon	14.79
MASQ1430	18x8 G/F Nylon	14.79
MASQ1440	18x10 G/F Nylon	14.79
MASQ1425	18x12 G/F Nylon	14.79
MASQ1446	20x6 G/F Nylon	18.39
MASQ1448	20x8 G/F Nylon	18.39
MASQ1450	20x10 G/F Nylon	18.39



# PROPS, SPINNERS & ACCESSORIES

## APC PROPELLERS

### • More performance!

APC props are computer-designed to have a thinner profile and more "bite" for flight. Reinforcing carbon fibers help them maintain true, constant pitch at any rpm. Molded nylon construction reduces rotating mass for more power at any rpm and longer engine life. Check out [www.towerhobbies.com](http://www.towerhobbies.com) for full details on individual props.



LP12060E

## SPORT

		RETAIL	TOWER
APCQ0905	LP09050 9x5 Sport.....✓	2.29	2.19
APCQ0906	LP09060 9x6 Sport.....✓	2.29	2.19
APCQ1005	10050 10x5 Sport.....✓	2.63	2.49
APCQ1006	10060 10x6 Sport.....✓	2.63	2.49
APCQ1007	10070 10x7 Sport.....✓	2.63	2.49
APCQ1008	10080 10x8 Sport.....✓	2.63	2.49
APCQ1104	LP11040 11x4 Sport.....✓	2.86	2.79
APCQ1105	LP11050 11x5 Sport.....✓	2.86	2.79
APCQ1106	LP11060 11x6 Sport.....✓	2.86	2.79
APCQ1107	LP11070 11x7 Sport.....✓	2.86	2.79
APCQ1108	LP11080 11x8 Sport.....✓	2.86	2.79
APCQ1204	LP12040 12x4 Sport.....✓	3.97	3.79
APCQ1205	LP12050 12x5 Sport.....✓	3.97	3.79
APCQ1206	LP12060 12x6 Sport.....✓	3.97	3.79
APCQ1207	LP12070 12x7 Sport.....✓	3.97	3.79
APCQ1208	LP12080 12x8 Sport.....✓	3.97	3.79
APCQ1238	LP12380 12.35x3.75 Sport.....✓	4.49	4.29
APCQ1304	LP13040 13x4 Sport.....✓	4.89	4.69
APCQ1306	LP13060 13x6 Sport.....✓	4.89	4.69
APCQ1307	LP13070 13x7 Sport.....✓	4.89	4.69
APCQ1308	LP13080 13x8 Sport.....✓	4.89	4.69
APCQ1506	LP15060 15x6 Sport.....✓	12.95	11.99
APCQ1606	LP16060 16x6 Sport.....✓	12.95	11.99
APCQ1809	LP1810 18.1x10 One-Piece.....✓	22.00	19.99
APCQ1810	LP1810 18x10.....✓	22.00	19.99
APCQ2080	LP2080 20x8.....✓	25.00	22.59
APCQ2190	LP2010W 20x10W IMAC Aerobatic.....✓	25.00	22.59
APCQ2200	LP2010 20x10 One-Piece.....✓	25.00	22.59
APCQ2201	LP22010 22x10.....✓	31.00	27.99

## PATTERN

APCQ1309	LP13090 13x9 Pattern.....✓	7.95	7.59
APCQ1404	LP14040W 14x4W.....✓	12.95	11.99
APCQ1406	LP14060 14x6 Pattern.....✓	12.95	11.99
APCQ1408	LP14080 14x8 Pattern.....✓	12.95	11.99
APCQ1410	LP14010 14x10 Pattern.....✓	12.95	11.99
APCQ1417	LP14070 14x7 Pattern.....✓	12.95	11.99
APCQ1504	LP15040W 15x4W.....✓	12.95	11.99
APCQ1507	LP15070 15x7 Pattern.....✓	12.95	11.99
APCQ1508	LP15080 15x8 Pattern.....✓	12.95	11.99
APCQ1510	LP15010 15x10 Pattern.....✓	12.95	11.99
APCQ1604	LP16040W 16x4W.....✓	12.95	11.99
APCQ1607	LP16070 16x7 Pattern.....✓	12.95	11.99
APCQ1608	16080 16x8 Pattern.....✓	12.95	11.99
APCQ1610	16010 16x10 Pattern.....✓	12.95	11.99
APCQ1701	LP17012 17x12.....✓	16.95	15.79
APCQ1706	LP17060 17x6.....✓	16.95	15.79
APCQ1710	LP17080 17x8 One-Piece Pattern.....✓	16.95	15.79
APCQ1806	LP18060W 18x6W.....✓	22.00	19.99
APCQ1808	LP18080W 18x8W One-Piece.....✓	22.00	19.99
APCQ3040	LP13040W 13x4W Pattern.....✓	7.95	7.59

## ELECTRIC PROPELLER

APCQ0097	LP13065EP 13x6.5 Electric Pusher.....✓	7.33	6.99
APCQ1055	LP11055E 11x5.5 Electric.....✓	3.16	3.09
APCQ3065	LP13065E 13x6.5 Electric.....✓	4.89	4.69
APCQ3080	LP13080E 13x8 Thin Electric.....✓	4.89	4.69
APCQ4013	LP15080E 15x8 Thin Electric.....✓	6.20	5.99
APCQ4015	LP16080E 16x8 Thin Electric.....✓	7.50	7.19
APCQ4016	LP16010E 16x10 Thin Electric.....✓	7.50	7.19
APCQ4100	LP06040E 6x4 Thin Electric.....✓	2.13	2.09
APCQ4103	LP07050E 7x5 Thin Electric.....✓	2.13	2.09
APCQ4110	LP08040E 8x4 Thin Electric.....✓	2.36	2.29
APCQ4115	LP08060E 8x6 Thin Electric.....✓	2.36	2.29
APCQ4118	LP09060E 9x6 Thin Electric.....✓	2.59	2.49
APCQ4120	LP10050E 10x5 Thin Electric.....✓	2.59	2.49
APCQ4123	LP10070E 10x7 Thin Electric.....✓	2.59	2.49
APCQ4128	LP11070E 11x7 Thin Electric.....✓	3.16	3.09
APCQ4130	LP12060E 12x6 Thin Electric.....✓	3.95	3.79
APCQ4133	LP12080E 12x8 Thin Electric.....✓	3.95	3.79
APCQ4145	LP14070E 14x7 Thin Electric.....✓	4.89	4.69

## SPEED 400

APCQ4094	LP06400EP 6x4 Speed 400 Ele. Pusher.....✓	3.19	3.09
APCQ4095	LP1545EP 5.5x4.5 Speed 400 Ele. Pusher.....✓	3.19	3.09
APCQ4911	LP04742 4.7x4.2 Speed 400 Electric.....✓	2.13	2.09

## 3 & 4 BLADE

APCQ2456	LP3157513 15.75x13 3-Blade.....✓	24.95	22.49
APCQ2476	LP4-11X6 11x6 4-Blade.....✓	9.95	9.49
APCQ2488	LP414511 14.5x11 4-Blade.....✓	19.95	18.59
APCQ2497	LP415512 15.5x12 4-Blade.....✓	19.95	18.59

## SLO-FLYER

APCQ5000	LP08038SF 8x3.8 Slo-Flyer.....✓	2.36	2.29
APCQ5005	LP09038 9x3.8 Slo-Flyer.....✓	2.59	2.49
APCQ5010	LP09047 9x4.7 Slo-Flyer.....✓	2.59	2.49
APCQ5013	LP09060SF 9x6 Slo-Flyer.....✓	2.59	2.49
APCQ5015	LP10047 10x4.7 Slo-Flyer.....✓	2.93	2.79
APCQ5016	LP10038SF 10x3.8SF Slo-Flyer.....✓	2.93	2.79
APCQ5017	LP11038SF 11x3.8SF Slo-Flyer.....✓	3.16	3.09
APCQ5018	LP10070SF 10x7 Slo-Flyer.....✓	2.93	2.79
APCQ5020	LP11047SF 11x4.7 Slo-Flyer.....✓	3.16	3.09

## DAVE BROWN ALUMINUM SPINNERS

### • Make your model shine with polished aluminum!

Designed for two-bladed propellers, Vortech spinners feature lightweight aluminum construction and a polished finish that offers the perfect accent to any airplane. In addition to the backplate, each spinner includes four plastic backplate adapter bushings and a 5x12mm cap screw. Choose from seven Standard sizes (S222-S240), four Big Cut spinners (S630-S655), four P-51 Parabolic spinners (P235 - P250), or two Ultimate spinners (U222, U660). All require Adapter Nut and 4mm hex wrench.

P235



		RETAIL	TOWER
DAV06222	U222 Ultimate 2-Blade 2-1/4" Spinner.....✓	29.95	26.99
DAV06524	X524 X-Long Adapter Nut 5/16-24.....✓	5.95	5.69
DAV06660	U660 6" Big Cut Ultimate 2-Blade Spinner.....✓	99.95	74.99
DAV07235	P235 3-1/2" P-51 Parabolic Spinner.....✓	39.95	35.99
DAV07240	P240 4" P-51 Parabolic Spinner.....✓	49.95	42.99
DAV07245	P245 4-1/2" P-51 Parabolic Spinner.....✓	59.95	49.99
DAV07250	P250 5" P-51 Parabolic Spinner.....✓	69.95	58.99
DAV08222	S222 2-1/4" Std 2-Blade Alum Spinner.....✓	22.95	20.69
DAV08225	S225 2-1/2" Std 2-Blade Alum Spinner.....✓	24.95	22.49
DAV08227	S227 2-3/4" Std 2-Blade Alum Spinner.....✓	26.95	24.29
DAV08230	S230-8230 3" Std 2-Blade Alum Spinner.....✓	31.95	28.99
DAV08232	S232 3-1/4" Std 2-Blade Alum Spinner.....✓	36.95	32.99
DAV08235	S235-8235 3-1/2" Std 2-Blade Alum Spinner.....✓	39.95	35.99
DAV08240	S240 4" Std 2-Blade Alum Spinner.....✓	49.95	42.99
DAV08428	S428 Adapter Nut Short 1/4-28.....✓	5.95	5.69
DAV08630	S630 3" Big Cut Vortech Std 2-Blade Spinner.....✓	31.95	23.99
DAV08632	S632 3-1/4" Big Cut Vortech Std 2-Bld Spnner.....✓	36.95	27.99
DAV08645	S645 4-1/2" Big Cut Vortech Std 2-Bld Spnner.....✓	59.95	45.99
DAV08655	S655 5-1/2" Big Cut Vortech Std 2-Bld Spnner.....✓	79.95	59.99

## DU-BRO® TRU-SPIN PROP BALANCER

Experience the performance difference that virtually friction-free balancing can offer. Props are centered and secured onto the balancing shaft with a specially designed locking cone, while the shaft itself is hardened and centerless ground for precision. It rests on aluminum wheels that rotate with almost no drag, so the tiniest differences are detectable. With its unique over-and-under set-up option, you can balance airplane props of virtually any size and weight, plus boat props, spinners, heli rotor heads, flywheels and more. Requires assembly. Also available: replacement Shaft.



DUB00130	499 Tru-Spin Prop Balancer.....✓	35.50	27.99
DUBQ0959	959 Replacement Prop Balancer Shaft.....✓	13.60	12.69

## DU-BRO® SPINNERS

### • Easy to align...just as easy to mount!

With Du-Bro's easy on/easy off spinners, just press-fit the nylon lock nuts to the backplate, align the nose cone core to the backplate with the four included pins, and secure the nose cone with the included socket head screws. Fast, easy...and effective! 2-Blade Spinners are available in five different sizes and three bold colors; all three sizes of 3-Blade Spinners are available in black or white.

546



DUBQ3672	272 2" Spinner White.....✓	5.40	5.19
DUBQ3673	273 2" Spinner Black.....✓	5.40	5.19
DUBQ3674	274 2" Spinner Red.....✓	5.40	5.19
DUBQ3678	278 2-1/4" Spinner White.....✓	6.00	5.79
DUBQ3679	279 2-1/4" Spinner Black.....✓	6.00	5.79
DUBQ3680	280 2-1/4" Spinner Red.....✓	6.00	5.79
DUBQ3684	284 2-1/2" Spinner White.....✓	6.70	6.39
DUBQ3685	285 2-1/2" Spinner Black.....✓	6.70	6.39
DUBQ3686	286 2-1/2" Spinner Red.....✓	6.70	6.39
DUBQ3690	290 2-3/4" Spinner White.....✓	7.70	7.39
DUBQ3692	292 3-3/4" Spinner Red.....✓	7.70	7.39
DUBQ3697	297 3" Spinner Black.....✓	8.25	7.99
DUBQ3698	298 3" Spinner Red.....✓	8.25	7.99
DUBQ3700	541 2" 3-Blade Spinner White.....✓	7.35	6.99
DUBQ3701	542 2" 3-Blade Spinner Black.....✓	7.35	6.99
DUBQ3702	545 2-1/2" 3-Blade Spinner White.....✓	8.70	8.29
DUBQ3703	546 2-1/2" 3-Blade Spinner Black.....✓	8.70	8.29
DUBQ3704	549 3" 3-Blade Spinner White.....✓	10.45	9.79
DUBQ3705	550 3" 3-Blade Spinner Black.....✓	10.45	9.79

## DU-BRO® SPINNER NUTS

### • CNC-machined for perfect symmetry and true rotation.

Never mind the fact that they enhance scale looks — these prop nuts make sense purely from a price and practicality standpoint. Each is CNC-machined from durable 6061-T6 aluminum — an operation that produces gleaming good looks and a uniform shape that's ideal for use with a standard starting cone. Tightens securely with a ball wrench, features an extended surface around the prop shaft in place of a prop washer and meets AMA safety specifications as well. Four sizes in all — and the 1/4-28 version offers two gleaming color finishes.

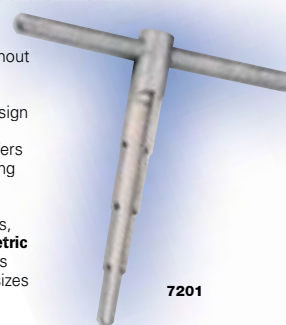


		RETAIL	TOWER
DUBQ3730	730 Spinner Prop Nut 1/4-28.....✓	9.00	8.59
DUBQ3731	731 Spinner Prop Nut 5/16-24.....✓	9.00	8.59
DUBQ3733	733 Spinner Prop Nut 7mm.....✓	9.00	8.59
DUBQ3735	735 Spinner Prop Nut 8mmx1.25.....✓	9.00	8.59
DUBQ3737	737 Aluminum Prop Nut 1/4-28 Red.....✓	10.50	9.79

## FOX PROP REAMERS

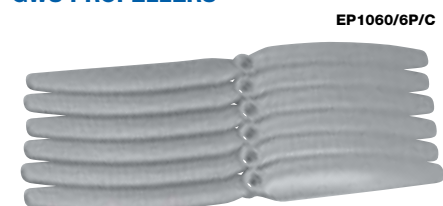
### • Available in standard or metric.

Enlarge prop holes without splitting, by using fast, easy, accurate Fox Reamers. Four-flute design provides smooth, even cutting; T-bar handle offers a firm grip for developing turning torque. 4-Step reamer offers four, progressive 1/16" steps, from 3/16" to 3/8"; Metric offers 6, 7 & 8mm sizes (7203) or 10 & 12mm sizes (7207).



FOXQ1500	7201 4-Step Prop Reamer.....✓	13.00	11.99
FOXQ1520	7203 Metric Prop Reamer.....✓	13.00	11.99
FOX1535	7207 Step Prop Reamer Metric 10/12mm.....✓	15.95	14.99

## GWS PROPELLERS



These high-visibility orange plastic propellers are designed for use with slow-flyers and park flyers. All are for use with electric craft only, and cannot be modified for use with glow engines.

GWSQ2008	EP7035/6P 7x3.5 Propeller (6).....✓	6.38	6.38
GWSQ2011	EP1060/6P/C 10x6 Propeller (6).....✓	9.00	9.00
GWSQ2017	EP8060/6P 8x6 Propeller (6).....✓	6.75	6.75
GWSQ2018	EP9047/6P 9x4.7 Propeller (6).....✓	7.50	7.50
GWSQ2019	EP9070/6P 9x7 Propeller (6).....✓	7.50	7.50
GWSQ2020	EP1047/6P/C 10x4.7 Propeller (6).....✓	9.00	9.00
GWSQ2021	EP1080/6P/C 10x8 Propeller (6).....✓	9.00	9.00
GWSQ2022	EP1147/6P/C 11x4.7 Propeller (6).....✓	10.50	10.50
GWSQ2023	EP1180/6P 11x8 Propeller (6).....✓	10.50	10.50

## HARRY HIGLEY HUBS & SPINNER HUBS

### • Add scale appearance and ease with Harry's Hubs.

Higley Hubs offer a bigger "grip" for your starter and more realistic looks. Made of solid brass, 5 oz. Ultra Heavy Hub helps bring tail-heavy planes into balance. Safety Spinners are made of lightweight, polished aluminum, and feature a hexagonal grip area at the base.



HIGQ1030	UHH516 Ultra Heavy Hub 5/16".....✓	19.95	18.59
HIGQ1500	SPN014 Safety Spinner Hub 1/4-28.....✓	6.99	6.69
HIGQ1510	SPN516 Safety Spinner Hub 5/16".....✓	6.99	6.69

## MASTER AIRSCREW® ELECTRIC PROPELLERS

- **Competitive performance at lower prices!**



MA0630NE

Innovative designs, advanced CNC tooling and top materials make Master Airscrew props worldwide favorites. 'Glass-filled nylon G/F Electric Series' props feature wide, thin, undercambered blades for maximum thrust in flight and maximum flex on touchdown. **Folding Props** offer the advantages of a large prop disk without the drag of fixed-blade props. Both feature an aluminum hub, a 'glass-filled' nylon spinner and paintable blade tips. **Replacement Blades** for the **12x8 Folding Prop** also available.

	RETAIL	TOWER
MASQ1500 MA1280E 12x8 Electric Folding w/Spinner.....	9.95	9.49
MASQ1501 MA1280R 12x8 Replacement Blades (2).....	5.95	5.69
MASQ1520 MA1512E 15x12 Electric Folding w/Spinner.....	10.95	10.19
MASQ1614 MA0630NE 6x3 G/F Nylon Electric Only Prop.....	1.89	1.89
MASQ1615 MA0640NE 6.5x4 G/F Nylon Electric Only Prop.....	1.89	1.89
MASQ1616 MA0740NE 7x4 G/F Nylon Electric Only Prop.....	1.89	1.89
MASQ1617 MA0750NE 7.5x5 G/F Nylon Electric Only Prop.....	1.89	1.89
MASQ1618 MA0840NE 8x4 G/F Nylon Electric Only Prop.....	2.29	2.19
MASQ1619 MA0856NE 8.5x6 G/F Nylon Electric Only Prop.....	2.29	2.19
MASQ1620 MA0850NE 8x5 G/F Nylon Electric Only Prop.....	2.25	2.19
MASQ1628 MA0950NE 9x6 G/F Nylon Electric Only Prop.....	2.49	2.39
MASQ1634 MA1050NE 10x6 G/F Nylon Electric Only Prop.....	2.59	2.49
MASQ1635 MA1070NE 10x7 G/F Nylon Electric Only Prop.....	2.59	2.49
MASQ1637 MA1080NE 10x8 G/F Nylon Electric Only Prop.....	2.59	2.49
MASQ1639 MA1160NE 11x6 G/F Nylon Electric Only Prop.....	3.19	3.09
MASQ1640 MA1170NE 11x7 G/F Nylon Electric Only Prop.....	3.19	3.09
MASQ1648 MA1260NE 12x6 G/F Nylon Electric Only Prop.....	3.59	3.49
MASQ1649 MA1270NE 12x7 G/F Nylon Electric Only Prop.....	3.59	3.49
MASQ1650 MA1280NE 12x8 G/F Nylon Electric Only Prop.....	3.59	3.49
MASQ1655 MA1385NE 13x8.5 G/F Nylon Electric Only Prop.....	3.95	3.79

## MASTER AIRSCREW® WOOD SCIMITAR PROPS



MA1260WS

Made of hardwood maple, all Wood Scimitar series props feature sleek, undercambered blades for superior efficiency and thrust. Swept-back, narrow tips help generate greater thrust at lower rpms - resulting in less noise. Available in sizes ranging from 12-22" in diameter, all are accurately balanced for optimal performance. Great for glow or gas planes!

MASQ2100 MA1260WS 12x6 Maple Wood Scimitar Prop.....	4.25	4.09
MASQ2105 MA1360WS 13x6 Maple Wood Scimitar Prop.....	5.85	5.59
MASQ2110 MA1460WS 14x6 Maple Wood Scimitar Prop.....	7.50	7.19
MASQ2112 MA1480WS 14x8 Maple Wood Scimitar Prop.....	7.50	7.19
MASQ2115 MA1660WS 16x6 Maple Wood Scimitar Prop.....	13.25	12.39
MASQ2117 MA1680WS 16x8 Maple Wood Scimitar Prop.....	13.25	12.39
MASQ2119 MA1780WS 17x8 Maple Wood Scimitar Prop.....	18.00	16.79
MASQ2120 MA1880WS 18x8 Maple Wood Scimitar Prop.....	19.00	17.69
MASQ2122 MA1810WS 18x10 Maple Wood Scimitar Prop.....	19.00	17.69
MASQ2124 MA1980WS 19x8 Maple Wood Scimitar Prop.....	20.25	18.29
MASQ2125 MA2080WS 20x8 Maple Wood Scimitar Prop.....	22.25	19.99
MASQ2127 MA2010WS 20x10 Maple Wood Scimitar Prop.....	22.25	19.99
MASQ2132 MA2210WS 22x10 Maple Wood Scimitar Prop.....	24.40	21.99

## MASTER AIRSCREW® ELECTRIC PUSHER PROPS



MA0740NEP

Great for rear-engine aircraft, Master Airscrew's 'glass-filled' nylon electric pusher props boast an undercambered blade design for maximum flight thrust. Available in **7x4** and **8.5x6** sizes, both feature a wide/thin design to provide the flex needed to execute hard landings. Six prop adapters are supplied to fit virtually any shaft size.

	RETAIL	TOWER
MASQ0745 MA0740NEP 7x4 Nylon Electric Only Pusher.....	1.89	1.89
MASQ0750 MA0856NEP 8.5x6 Nylon Electric Only Pusher.....	2.29	2.19

## TRU TURN™ SPINNERS

- **Solid aluminum strength and durability.**
- **More 3-blade spinners now available!**

Machined from aluminum bar stock, Tru Turn spinners deliver realistic looks and lightweight strength. In addition to **Standard** and **Ultimate** styles, there are **Big Bird** spinners (for 22x6-12 props) and special spinners for AT-6s, P-51s & 120 engines. Also available: **3-Blade Spinners**. All include backplate, and require matching **Adapter Kit**. Note: Modifying spinners may void warranty. Spinners may be sent to Tru Turn for custom modification.



3002BW

TRUQ1051 2282B120 Ultimate 2-1/4" 120 2-Blade.....	32.95	28.99
TRUQ1058 2052BW Ultimate Wide 2" 2-Blade.....	25.95	23.39
TRUQ1060 2002B 2" Standard Spinner 2-Blade.....	24.95	22.49
TRUQ1064 2282BW Ultimate Wide 2-1/4" 2-Blade.....	32.95	28.99
TRUQ1065 2252B Standard 2-1/4" Spinner 2-Blade.....	27.95	25.19
TRUQ1066 2553B Spinner 2-1/4" Standard 3-Blade.....	30.95	27.99
TRUQ1068 2232B 2-1/4" AT-6 Spinner 2-Blade.....	51.95	43.99
TRUQ1070 2502B 2-1/2" Standard Spinner 2-Blade.....	29.95	26.99
TRUQ1071 2502BW Wide Spinner 2-1/2" 2-Blade.....	31.95	28.99
TRUQ1080 2752B 2-3/4" Standard Spinner 2-Blade.....	32.95	28.99
TRUQ1085 3002B 3" Standard Spinner 2-Blade.....	39.95	35.99
TRUQ1086 3002BW Wide Spinner 3" 2-Blade.....	41.95	35.99
TRUQ1090 3052B 3" Standard Big Bird Spinner.....	40.95	34.99
TRUQ1095 3252B 3-1/4" Big Bird Spinner.....	49.95	42.99
TRUQ1097 3502B 3-1/2" P-51 Spinner 2-Blade.....	59.95	49.99
TRUQ1098 3503B 3-1/2" P-51 Spinner 3-Blade.....	62.95	52.99
TRUQ1099 3504B 3-1/2" P-51 Spinner 4-Blade.....	62.95	52.99
TRUQ2240 3552B Ultimate Spinner 3-1/2".....	69.95	58.99
TRUQ2400 3502BM 3 1/2" Menz Cut Spinner.....	62.95	52.99
TRUQ2415 4052BM 4" Ultimate Menz Cut Spinner.....	98.95	82.99
TRUQ2506 2282B120 2 1/2" Std 120 2-Blade Spinner.....	31.95	28.99
TRUQ2514 2503B 2-1/2" Standard Spinner 3-Blade.....	32.95	28.99
TRUQ2705 2752B120 2-3/4" Std 120 Spinner 2-Blade.....	34.95	29.99
TRUQ2714 2753B 2-3/4" Standard Spinner 3-Blade.....	35.95	31.99
TRUQ2862 3003B 3" Std Spinner 3-Blade.....	42.95	36.99
TRUQ3031 0823A 8x1.25mm Double Jam Adapter SAI.....	14.95	13.99
TRUQ3040 0140A Adapter Kit O.S. 20-50 K&B.....	8.95	8.59
TRUQ3047 0149A Adapter Kit O.S. 40/48/52.....	14.95	13.99
TRUQ3060 0516A Adapter Kit Super Tigre .61 .90.....	8.95	8.59
TRUQ3063 0518A Adapter Kit O.S. 61 Up 4-Stroke.....	8.95	8.59
TRUQ3066 0522A Adapter Kit O.S. 41/.70/1.20.....	8.95	8.59
TRUQ4015 0814A Double Jam Adapter Kit VS120.....	14.95	13.99
TRUQ5304 1000A 1" A Prop Hub.....	18.95	17.69
TRUQ5305 1250-A 1 1/4" A Prop Hub.....	20.95	18.99

## ZINGER WOOD PROPELLERS

- **Extra-rigid wood props offer super stiffness for maximum thrust.**

1203

Balanced twice for premium performance, Zinger's fuelproofed 2-blade props feature a constant-pitch airfoil section along the entire length of the blade, for maximum efficiency in flight. Carved from maple for classic looks and distortion-resistant strength, Zinger props are available in diameters ranging from 12-26" in size, and specialty models like **Pusher** props ("P" before manufacturer number) for airboats and rear-engine aircraft, and ultra-high efficiency **Pro** props ("Z" before manufacturer number) for advanced competitors.

	RETAIL	TOWER
ZINO0604 Z604 12x6 Pro Zinger Wood Propeller.....	5.15	4.89
ZINO0703 Z703 13x6 Pro Zinger Wood Propeller.....	6.25	5.99
ZINO0801 Z801 14x4 Pro Zinger Wood Propeller.....	8.10	7.69
ZINO0803 Z803 14x6 Pro Zinger Wood Propeller.....	8.10	7.69
ZINO0804 Z804 14x8 Pro Zinger Wood Propeller.....	8.10	7.69
ZINO0902 Z902 15x6 Pro-Zinger Wood Propeller.....	11.85	10.99
ZINO1102 1102 17x6 Wood Propeller.....	17.60	16.39
ZINO1103 1103 16x8 Pro-Zinger Wood Propeller.....	18.10	16.99
ZINO1104 1104 17x8 Wood Propeller.....	17.60	16.39
ZINO1190 501 11x5 Wood Propeller.....	3.55	3.39
ZINO1292 1202 18x6 Pro-Zinger Wood Propeller.....	23.65	21.29
ZINO1203 1203 18x8 Pro-Zinger Wood Propeller.....	23.65	21.29
ZINO1204 1204 18x10 Pro-Zinger Wood Propeller.....	23.65	21.29
ZINO1320 803 14x6 Wood Propeller.....	7.05	6.69
ZINO1345 902 15x6 Wood Propeller.....	10.40	9.69
ZINO1360 1002 16x6 Wood Propeller.....	14.30	13.29
ZINO1370 1003 16x8 Wood Propeller.....	14.30	13.29
ZINO1375 1004 16x10 Wood Propeller.....	14.30	13.29
ZINO1385 1202 18x6 Wood Propeller.....	20.75	18.69
ZINO1390 1207 18x6-10 Wood Propeller.....	20.75	18.69
ZINO1395 1203 18x8 Wood Propeller.....	20.75	18.69
ZINO1402 Z1402 20x8 Pro-Zinger Wood Propeller.....	27.35	24.69
ZINO1403 Z1403 20x10 Pro-Zinger Wood Prop.....	27.35	24.69
ZINO1405 1204 18x10 Wood Propeller.....	20.75	18.69
ZINO1420 1401 20x6 Wood Propeller.....	23.85	21.49
ZINO1430 1402 20x8 Wood Propeller.....	23.85	21.49
ZINO1435 1408 20x8-14 Wood Propeller.....	23.85	21.49
ZINO1440 1403 20x10 Wood Propeller.....	23.85	21.49
ZINO1465 1607 22x6-10 Wood Propeller.....	27.10	24.39
ZINO1470 1602 22x8 Wood Propeller.....	27.10	24.39
ZINO1475 1603 22x10 Wood Propeller.....	27.10	24.39
ZINO1500 1802 24x8 Wood Propeller.....	30.20	26.99
ZINO1602 Z1602 22x8 Pro-Zinger Wood Prop.....	31.10	27.99
ZINO1603 Z1603 22x10 Pro-Zinger Wood Prop.....	31.10	27.99
ZINO1803 Z1803 24x10 Pro-Zinger Wood Prop.....	34.75	29.99
ZINO2012 2012 26x8 Wood Propeller.....	39.35	34.99
ZINO2014 2014 26x10 Wood Propeller.....	39.35	34.99
ZINO2017 2017 26x12 Wood Propeller.....	39.35	34.99
ZINO4015 P-603 12x6 Pusher Wood Propeller.....	5.28	4.99
ZINO4040 P-1204 18x10 Pusher Wood Propeller.....	25.80	23.29
ZINO4070 P-1403 20x10 Pusher Wood Propeller.....	32.75	28.99

## ZINGER ALUMINUM SPINNERS

- **Realistic looks for larger planes.**

Zinger's spun aluminum spinners for 2- 3- or 4-bladed props give your large- and giant-scale craft the gleam of authenticity. All sizes, from 3-1/2" to 5" in diameter, come complete with fitted back plate and mounting screws. Requires cutting out the propeller slots.



6603

ZINO5685 6600 Spinner 3-1/2" Aluminum.....	24.09	21.69
ZINO5690 6601 Spinner 4" Aluminum.....	28.99	25.99
ZINO5700 6603 Spinner 5" Aluminum.....	37.49	32.99

# Start in R/C the right way — with

Tower Hobbies®  
**www.easycrc.com**

Get started in R/C the right way, with **www.easycrc.com**! This R/C web site offers the beginner a comprehensive yet easy-to-understand guide to the hobby. Specific product recommendations make it simple to choose the right model for a great start in the wonderful hobby of R/C.



# YOU CAN RACE AN R/C CAR OR TRUCK!

In the world of R/C cars and trucks, traffic jams are something that happen on the way to the finish line — and the only speed limits are set by your vehicle's top performance! You can get there in style in a futuristic concept car, on a budget with a prebuilt beginner's buggy, or by going over the top in a huge, nitro-powered car crusher — the choice is yours!

## HOW DO I GET STARTED?

**Be realistic** — Consider your budget and consider your skills. A simpler, slower vehicle may not be your dream, but it's the best way to get started. And remember: hop-ups (performance parts) can usually be added later.

**Check it out** — Knowing what you're getting into helps. There are many books, videos and simulators available to help you understand and master your car, hop-up options, tuning tricks, custom painting, racing techniques, etc. See page 235 for Tower Hobbies' complete section of books, videos and simulators.

## RACING BASICS

**How fast does it go?** — The most accurate answer is: It depends. Does your model have a nitro (glow) engine or an electric motor? Is it engineered for sport use (fun) or for racing? Is it stock or modified for higher speeds? What was it meant to do? A monster truck designed for hill-climbing moves at about "walking speed." But some R/C drivers have pushed their race cars to speeds in excess of 80 mph! Fast cars are fun. Unless you're an experienced driver, however, choosing a car for its speed alone is not a good idea. For a very rough estimate of the speeds you can expect from different models, see the chart below. Remember: Your actual mph will vary!

**Pick your power** — Quick, quiet, and easy to afford, build and drive, electric vehicles are still the most popular choice in R/C power. Equipped with a rechargeable battery pack, a vehicle with a stock motor will provide about 6-8 minutes of run time; with multiple packs and a quick charger, an electric vehicle is ready for hours of use. An incredible variety of hop-ups and accessories makes it possible to upgrade most sport vehicles for serious racing use. Recent interest in nitro-powered (glow engine) vehicles has grown enormously. Vast improvements in glow engine technology have simplified tuning and maintenance. As a result, many modelers are now able to enjoy the realistic sound and smell that goes along with nitro power's explosive acceleration and speed. The wider availability of pull-start (recoil start) engines and appearance of down-sized 1/10 scale vehicles have helped increase the popularity and affordability of nitro-powered modeling.

**Other things to consider** — In four-wheeled vehicles, there are two main drive types: two-wheel drive (2WD) and four-wheel drive (4WD). If you're new to R/C, you may want to consider 2WD; generally speaking, they require less overall assembly and maintenance. The trade-off is that 4WD vehicles offer easier driving and a definite handling edge.

Some vehicles arrive virtually prebuilt. The product description will include the term Almost Ready-to-Run (ARR) or Ready-to-Run (RTR). Most vehicles, however, require you to do the building. While building may require a few evenings, the familiarity you gain from assembly will help you make repairs, adjustments and modifications more easily down the road.

Vehicle Type Average Speed	
Off-road electric	15-60 mph
Off-road nitro	20-60 mph
On-road electric	20-60 mph
On-road nitro	20-60 mph
Monster truck electric	10-50 mph
Monster truck nitro	20-50 mph

**What IF  
I want to  
COMPETE?**

The main organization in R/C racing is: ROAR (Radio Operated Auto Racing). For more information on racing classifications, or on upcoming regional or national racing events, visit their web site at the address listed below.

**ROAR**

<http://www.roarracing.com/>

## WHAT ELSE DO I NEED?

There's more to running an R/C car or truck than the model itself. Electric vehicles, for example, require a 2-channel radio, motor(s), speed control, NiCd battery and charger. Nitro machines need a radio, engine, muffler, fuel, glow starter and possibly a 12V starter. The model may already come with some of these items, or require additional ones: pinion, tires, wheels, body, etc. Check its product description before ordering to be sure you'll have everything you'll need for operation. The boxes below show some popular options in the track support equipment that keeps R/C vehicles running. Those under "Basic" headings do the job for the lowest cost. "Mid-Range" and "Deluxe" choices add convenience features or versatility.

### NITRO/GLOW

Stock #	Description	Stock #	Description
<b>Track Support Equipment - (Basic)*</b>			
DTXP0300	Glow Starter C Battery	DTXP3000	Rapid Heat Glo-Starter w/Chgr
FUGP7200	C Alkaline Battery (2)	DTXP0125	Kwik-Pit 250cc Fuel Bottle
DTXP0125	Kwik-Pit 250cc Fuel Bottle	DTXR1175	Ultimate Car Wrench
DTXR1170	Deluxe Car Wrench	<b>See Below Starter Box (1/8 or 1/10) 12</b>	
TOWP0500	12V Electric Starter	TOWP1620	20% Car Fuel Quart
HCAP3320	Donut Starter Adapter	DTXP2010	X-Large Deluxe Field Bag
TOWP1620	20% Car Fuel Quart		
<b>Track Support Equipment - (Mid Range)*</b>			
DTXP3000	Rapid Heat Glo-Starter w/Chgr		
DTXP0125	Kwik-Pit 250cc Fuel Bottle		
DTXR1170	Deluxe Car Wrench		
TOWP0500	12V Electric Starter		
HCAP3320	Donut Starter Adapter		
TOWP1620	20% Car Fuel Quart		
DTXP2000	X-Large Field Bag		

\* Type of fuel could vary with engine.

1 Do not need if using a recoil starter system

2 A starter box, such as the DuraTrax Universal Starter Box (DTXP5701), may be used with 1/8 and 1/10 scale vehicles instead of the 12V electric starter.

### ELECTRIC

Stock #	Description	Stock #	Description
<b>Track Support Equipment - (Basic)*</b>			
TOWC1030	1500mAh 6-Cell NiCd-Standard	<b>Track Support Equipment - (Deluxe)*</b>	
TOWP0160	AC/DC Peak Charger	DTXC2146	7.2V 4200mAh Stick Standard
<b>Track Support Equipment - (Mid Range)*</b>			
TOWC1037	1900mAh 6-Cell Flat-Standard	DTXP4170	ICE DC Competition Charger
TOWP0170	AC/DC Digital Peak Charger	HCAP0250	12V Power Supply

\* Speed control, motor, etc. may also be needed. This depends on selection of kit, modeler's preferences, and budget.



For details on our EASY PAY option see

[www.towerhobbies.com/help/easypay.html](http://www.towerhobbies.com/help/easypay.html)

**EASY PAY**  
ON REQUEST

Easy Pay Plan can only be applied to qualifying in-stock merchandise. Shipping and handling, taxes and other items ordered will be billed on your first payment. Only Discover, Visa or MasterCard are eligible for the Easy Pay Plan. Easy Pay available to U.S.A. residents only. We reserve the right to limit the amount of open easy pay orders per customer.

# LET TOWER HOBBIES® HELP!

Need more info, expert advice, tips for “getting going”? Check out [www.easyrc.com](http://www.easyrc.com) — Tower Hobbies’ web site specifically devoted to helping newbies race off the starting line with complete success. Or call Tower Hobbies® Phone Sales and Technical Support staff toll-free. Either approach gives you instant access to help with ordering, choosing parts, selecting vehicles and more. Tower Hobbies has an amazing inventory of over 60,000 R/C products...and the place to start is by picking out your first vehicle from the five basic types described here.

## 1 OFF-ROAD BUGGIES:

Whether you prefer the “charge up a battery and go” simplicity of electric buggies or the roaring realism of nitro-powered R/C off-roaders, one thing is shared by both: the ability to tackle virtually any terrain with ease. In your backyard, on a dirt track, or at the park, they’re a great way to kick back and cut loose — in some friendly competition or running just for fun!



**Tough Enough to Tackle Anything!**

Traxxas®  
Bandit VXL RTR  
See page 111.

## 2 ON-ROAD CARS:

On-road cars offer minimal suspensions, sleek, sophisticated looks and foot-to-the-floorboard speed. An on-road car can easily be run on a smooth street, parking lot, or any other (relatively) flat, paved surface. And whether you decide to go gas or electric, 1/10, 1/12, 1/18 or even 1/8 scale, there’s impressive variety and authenticity in store.



**Takin’ it to the Street!**

DuraTrax® 1/18 Scale  
Vendetta™ TC  
See page 99.

## 3 MONSTER TRUCKS:

The undisputed kings of R/C vehicles, Monster Trucks offer the earthshaking excitement of large tires, big power plants, and chassis engineered more for unstoppable torque than all-out speed. Using sheer, brute power, they rumble their way up hills, down slopes — and over unsuspecting cars.



**Growlin’ Toward Glory**

Tower Hobbies®  
Nitro TOWER Terror™ MT  
see page 101.

## 4 STADIUM TRUCKS:

Combine the ruggedness of a truck and the speed of a racer, and you have stadium trucks — perfect both for backyard pounding and breakneck competition. Built heavy-duty to survive soaring jumps and crushing touchdowns on their way to a spectacular win!



**The Roughnecks of R/C**

DuraTrax®  
Evader™ EXT EP ST RTR  
See page 98.

## 5 SHORT-COURSE RACING:

In full-scale, 90+ horsepower machines — like those driven by the Traxxas-sponsored Jenkins Brothers — blast off jumps at top speed and carve their way through rutted tracks. R/C’s version of Short-Course off-road racing likewise put even tough trucks to the test!



**Intense Fender-to-Fender Action!**

Traxxas® Slayer™  
Short-Course  
Nitro 4WD RTR  
See page 108.

## 6 ROCK CRAWLERS:

Wanna be crowned “King of the Mountain?” Rock crawlers can get you there. Geared for slow, controlled motion and freakish power, they feature super-long, super-strong oil shocks and suspension arms for outrageous articulation and amazing rock-to-rock reach.



**King of the Mountains**

Tamiya Toyota Land Cruiser  
CR-01 Rock Crawler Kit  
See page 105.



# CARS & TRUCKS

## DURATRAX



## EVADER<sup>EXT</sup> RTR



Your Choice  
**ONLY**  
**\$119<sup>98</sup>**

**Evader EXB**  
Length: 15.5 in  
Width: 9.875 in  
Height: 6.75 in  
Weight: 2.75 lb  
Requires: 8 "AA" batteries, 6-7 cell NiCd or NiMH battery & charger

**Evader EXT**  
Length: 16.1 in  
Width: 12.9 in  
Height: 6.6 in  
Weight: 3.6 lb  
Requires: 8 "AA" batteries, 6-7 cell NiCd or NiMH battery & charger

**Molded MagnaFlex™ parts bounce back from abuse!**

**Upgrade either vehicle with existing Evader hop-ups! See page 116.**

## Takin' off-road to **EXTREMES!**

## EVADER<sup>EXB</sup> RTR

**2-Channel Tactic™ Radio System Included!**  
with TSX200 Servo and TRX200 receiver already installed.



**Photon Speed™ 2 Motor Included!**  
For quick takeoff and acceleration and blazing top-end speed.



**Both Evader models are available in six different colors!**

### Evader EXB Colors



### Evader EXT Colors



**W**hy build, when you can be pushin' the limits almost immediately with a 1/10 scale, 2WD Evader? The **EXB** buggy and **EXT** truggy put everything you need for off-road into an incredibly complete, affordable and first-timer friendly package. All you have to do is take your pick, add batteries and charger and enjoy.

No need to worry about building, painting or durability — both vehicles include injection-molded MagnaFlex™ parts. They're designed to bounce back intact after the most outrageous impacts and touch-downs. And they're protected by the DuraTrax Stress-Tech™ free parts replacement guarantee for a full year!

"EX" toughness doesn't stop there. Both Evaders include a hardened steel driveshaft and axles; steel gears in the gear diff; high-capacity, oil-filled shocks; an updated servo saver and a gear-saving slipper clutch. The 2-channel Tactic radio gear arrives already installed on the low-CG chassis, along with a powerful Photon Speed 2 motor and Sprint™ 2 electronic speed control with reverse. Even the tires come mounted and glued to the rims...and the race-legal body is finished with a trim scheme sure to inspire fear in any competitor!

**Evader EXT & EXB both include a 1 Year Stress-Tech™ Guarantee:**

See specific information on their Stress Tech Guarantee at:  
[www.duratrax.com/faq/service-faq](http://www.duratrax.com/faq/service-faq)

Stock #	Description	Tower
DTXD29**	Evader EXT EP ST RTR.....	2 PAY \$59.99 \$119.98
DTXD30**	Evader EXB EP RTR.....	2 PAY \$59.99 119.98



**DURATRAX**

**1/18 SCALE VENDETTA™  
4WD RTRS**

**1/18 scale on-road action  
that rivals 1/8 scale!**



**VENDETTA  
RALLY**

Length: 10.4 in • Width: 5.8 in  
Height: 3.9 in • Wheelbase: 6.3 in  
Weight: 24 oz  
Requires: 6-cell 2/3A NiMH  
battery, charger, adapter &  
4 "AA" alkaline batteries

**Vendetta  
Rally includes  
a Tactic™  
2.4GHz radio  
system  
with SLT™!**



**VENDETTA™  
TC**

Length: 10.4 in • Width: 4.5 in  
Height: 3.3 in • Wheelbase: 6.3 in  
Requires: 6-cell 2/3A NiMH  
battery, charger, adapter &  
8 "AA" alkaline batteries

**Vendetta TC is available in 6 body colors!**



**Vendetta Rally is available in 4 body colors!**



The 1/18 scale **Vendetta TC** touring car isn't just impressively fast — it loads plenty of large-scale performance pluses into its compact, race-anywhere size. Highlights include an ultra-high RPM VR3 motor, an electronic speed control with reverse and brake, and a Tactic 2-channel AM pistol-grip radio. Many components are adjustable for achieving the best on-road performance wherever you drive: there's a fully adjustable ball-type front suspension, adjustable oil shocks with aluminum shock towers, and adjustable ride height with suspension travel limiters. High-quality, anodized aluminum parts, a full bearing set and compatibility with many existing Vendetta hop-ups add even more to the Vendetta TC's victory potential!

You'll find many of the same ingredients making the **Vendetta Rally** a tough, nimble little mountain goat of a machine. It has shaft 4WD, an independent and adjustable racing suspension, full bearings, threaded oil shocks, threaded axles, universals...and more. A VR3 motor again provides the power, and an ESC with reverse and brake makes the most of it. Treaded tires arrive mounted and glued to rally wheels. The body is painted to perfection, and the radio is a state-of-the-art 2.4GHz system with Secure Link Technology™ for the ultimate in dependability and interference-resistance.

Race with confidence: Both Vendetta models are backed by the 1-year Stress-Tech™ Guarantee. Break a Stress-Tech part in the first year you own your machine and DuraTrax replaces the part for free!

Stock #	Description	Retail	Tower
DTXD15**	1/18 Vendetta TC EP RTR 27MHz.....	\$259.99	\$159.99
DTXD16**	1/18 Vendetta Rally Car RTR w/2.4GHz.....	319.99	199.98



## CARS & TRUCKS



### 1/8 Z01™ NITRO 4WD KITS

**Get with the winning team!**

When Steve O'Donnell released the original Z01-B buggy kit, it took the 1/8 scale racing world by storm. Features like the hard-anodized, CNC-machined aluminum chassis, fully tunable suspension, laydown steering servo and captured hinge pins made it a winner with buggy drivers all over the world. Now, and available only for a limited time, the **Z01-B Team 2-in-1** kit adds over \$300 in upgrades — for even better handling, quicker steering response, faster cornering and greater rough track stability! You'll also find some of those same upgrades on the hotly anticipated **Z01-T Truggy**, including true big bore oil shocks with lightened, CNC-machined shock towers; wide suspension arms; and Precision Pivot System™ suspension arm mounts for smooth, non-binding action. This tricked-out truggy is all about performance — and like the Z01-B, it's a proven winner!



**Z01-B™ Team Buggy**  
Length: 20 in • Width: 12 in  
Height: 7.5 in  
Requires: 2-3 channel radio,  
.21 racing engine, 1/8 scale  
racing tires, glow starter,  
shock oil, diff oil & glow fuel



**Z01-T™ Truggy**  
Length: 23 in • Width: 16.5 in  
Height: 8 in • Wheelbase: 14.5 – 14.8 in  
Requires: 2-3 channel radio w/2 servos;  
.21-.28 rear-exhaust engine, header  
and tuned pipe; tires; shock and diff oil  
& glow fuel



Stock #	Description	Retail	Tower
ODOC0102	1/8 Z01-B Team 2-in-1 Kit.....	\$899.99	\$499.98
ODOC0125	1/8 Z01-T Off-Road Truggy Kit.	999.99	579.99

## WAGE WIRELESS WARFARE!



1/24 M1A2  
Abrams NTC  
Battle Tank  
RTR



Abrams NTC/  
Leopard Winter  
Micro Battle  
Tank Set



VSTank **Micro Tank** sets may only be 3.5" long, but they still provide the military mayhem you need to crush your opponent! Each set includes two tanks, two controllers with built-in chargers, a battle mat and CD case connector clips. Choose from two **Abrams/Leopard** sets, an **Abrams/T-80** set and a **Leopard/T-80** set. All micro tanks require 8 "AA" batteries.

At 16" long, **1/24 Scale Tanks** offer five times the size and even more amazing features. An included transmitter gives you the power to rotate the turret and conquer up to 35° inclines. Firing the cannon makes it recoil and roar and sends an infrared laser beam streaking toward your opponent. Hit the sensor once, hear the impact — and watch them grind to a 3-second halt. Do it five more times and become the winner! Available in many different designs, including **Tiger I**, **M1A2 Abrams**, **Russian T-72**, **Leopard 2 A6**, **M4 Sherman**, **Japanese JGSDF Type 90** and **Russian KV-2**. All 1/24 scale tanks require 14 "AA" batteries.

Stock #	Description	Retail	Tower
VSKC0001	Abrams Desert/Leopard NATO Micro Battle Tank Set.....	\$79.99	\$49.99
VSKC0002	Abrams NTC/Leopard Winter Micro Battle Tank Set.....	79.99	49.99
VSKC0003	M1A2 Abrams Desert/Russian T80 NATO Micro Battle Tank Set.....	79.99	49.99
VSKC0004	Leopard 2 A5 NATO/Russian T80 Desert Micro Battle Tank Set.....	79.99	49.99
VSKD58**	1/24 Tiger I Gray Battle Tank RTR.....	2 PAY \$59.99	159.99 119.98
VSKD60**	1/24 M1A2 Abrams Desert Battle Tank RTR.....	2 PAY \$59.99	149.99 119.98
VSKD61**	1/24 M1A2 Abrams NATO Battle Tank RTR.....	2 PAY \$59.99	149.99 119.98
VSKD62**	1/24 M1A2 Abrams NTC Battle Tank RTR.....	2 PAY \$59.99	149.99 119.98
VSKD64**	1/24 Russian Army T72 M1 Desert Tank RTR.....	2 PAY \$59.99	149.99 119.98
VSKD65**	1/24 Russian Army T72 M1 Olive Tank RTR.....	2 PAY \$59.99	149.99 119.98
VSKD66**	1/24 Japanese JGSDF Type 90 NATO Tank RTR.....	2 PAY \$59.99	149.99 119.98
VSKD68**	1/24 Snow Tiger I Mid Production Winter RTR.....	2 PAY \$59.99	149.99 119.98
VSKD69**	1/24 Russian T-72 M1 Camo Tank RTR.....	2 PAY \$59.99	149.99 119.98
VSKD70**	1/24 Leopard 2 A6 Battle Tank RTR.....	2 PAY \$59.99	149.99 119.98
VSKD71**	1/24 Russian KV-2 Green Battle Tank RTR.....	2 PAY \$59.99	149.99 119.98
VSKD72**	1/24 KV-2 Soviet Army Tank White RTR.....	3 PAY \$43.33	159.99 129.99
VSKD73**	1/24 German Pz 754 Captured Russian KV-2.....	3 PAY \$43.33	159.99 129.99
VSKD75**	1/24 M4 Sherman Tank Green RTR.....	3 PAY \$43.33	159.99 129.99
VSKD76**	1/24 M4 Sherman Tank Camo RTR.....	3 PAY \$43.33	159.99 129.99



# TOWER TERROR<sup>TM</sup> .25

## Nitro 4WD RTR

**TOWER HOBBIES<sup>®</sup>**



Our best value nitro monster truck ever!



Goes where other monsters  
**FEAR TO TREAD!**

**DOUBLE WARRANTY**  
FOR #1 SUPER SAVER CLUB MEMBERS  
See back cover.

## They said it was impossible!

The skeptics said there was no way that a 1/10 scale monster truck could ever be as strong and powerful as an 1/8 scale monster...but they were wrong!

After months of experiments, Tower Hobbies created the TOWER Terror .25 RTR — a 1/10 scale nitro monster supercharged with 1/8 scale DNA. You can jump it on four wheels or pop it onto two for intimidating wheelies. Bring it to life and it becomes a nightmare on wheels for every other 1/10 scale monster!

- **Thrill!** to the knowledge that the TOWER Terror .25 is already assembled and painted, so you can start your reign of terror almost immediately!
- **Wonder!** at the wealth of 1/8-scale aluminum parts, including the Twin Plate Chassis (TPC) — the monster's unnaturally strong and vertically oriented backbone!
- **Stare!** as the hardened steel gears in the TOWER Terror .25 RTR allow it to survive the sudden, tooth-stripping impacts caused by relentless run-and-gun acceleration and crushing, post-jump touchdowns!
- **Gasp!** as you realize that the TOWER Terror .25 RTR goes beyond the normal RTR to also offer:

- Full bearings
- Aluminum oil shocks
- High-capacity 170cc fuel tank
- Aluminum steering drag links
- 3-shoe racing clutch
- Aluminum hinge pin braces
- Painted and trimmed body
- Aluminum tuned pipe
- Polished aluminum engine mount
- Independent suspension, with turnbuckle tie-rods for fast, easy toe-in adjustments.

Length: 19.7in  
Width: 14.8 in  
Height: 7.3 in  
Wheelbase: 11.4 in  
Weight: 8 lb  
Requires: 8 "AA" batteries, glow fuel (20% nitro recommended) & glow starter



Start your TOWER Terror's engine with push-button ease! Available separately, the Super Start RTR includes a hand-held starter with motor and an adapter unit that installs on the rear of the engine crankcase. Requires only a 7.2V flat battery pack.

### Wheelie Bar

This simple but incredibly strong device enables you to perform outrageous wheelies at will, even when you unleash the full brute power of the .25 TOWER ABC BB engine.



### Driven by the insane power of the .25 TOWER ABC BB Engine!

It's a 4.0cc engine capable of tire-shredding takeoffs, outrageous air time and wild, wailing, block-long wheelies!

- Tuned pipe
- True ABC construction
- Dual bearings
- Convenient recoil starter
- Purple-anodized aluminum heat sink head
- 2-year limited warranty

Plus: Most engine replacement parts are eligible for FREE Parts Express™ shipping!

### Controlled by the undeniable 2TX AM Radio System!

A top value in basic 2-channel control and an indispensable part of a total monster truck package!

- Light, well-balanced transmitter
- Light, reliable receiver
- High-torque steering servo
- Throttle servo
- 1-year limited warranty
- Available on all six 27MHz frequencies!



### AND REMEMBER:

Super Saver #1 Club Members enjoy double warranty protection! That's 4 years on the Tower Hobbies .25 ABC BB engine — and 2 years on the Tower Hobbies TOWER 2TX AM Radio!

Stock #	Description	
TOWC03**	Nitro TOWER Terror MT .25 RTR .....	3 PAY \$99.99
TOWP7000	Super Start RTR Starting System .....	

**Tower**  
\$299.97  
35.99



## 1/8 SAVAGE NITRO 4WDS

- ◆ **Savage X SS 4.6 Kit and Savage X 4.6 RTR** include a 4.6 cc (.28 cu. in.) engine that delivers "brakies", wheelies and speeds of up to 44 mph!

- ◆ Longer, stronger and wider, the **Savage XL 5.9 GT RTR** offers 5.9 cc (.36 engine) power, plus a GT Gigante body, 7" Terra Pin tires and a smokin' 3-speed tranny!
- ◆ Both RTRs are assembled, with engine; painted, decaled body; TF-3 radio; and Roto Start™!

HPIC1861	1/8 Savage X SS K4.6 Kit.....	\$399.99
HPID67**	1/8 Savage X 4.6 RTR.....	429.99
HPID54**	1/8 Savage XL 5.9 GT RTR Gigante.....	589.98



Savage XL  
Length: 21 in  
Width: 16.8 in  
Height: 10 in

## E-SAVAGE™ 4WDRTRS

- ◆ All E-Savages are prebuilt, with painted body, radio, motors and ESC w/reverse — version with GT Truck Body also includes two 7.2V, 3300mAh packs and a GT Escape DC Charger!

HPIC1517	Sport Truck RTR.....	\$274.99
HPIC1547	RTR w/GT Truck Body.....	344.99



## SAVAGE FLUX HP 4WD RTR

- ◆ Unleash air-grabbin', wheelie-poppin' power with the 2200kV brushless Flux Torq motor and programmable Flux Blur ESC!

HPID64**	Savage Flux HP RTR.....	\$639.99
----------	-------------------------	----------



Length: 21 in  
Width: 16.8 in  
Height: 10.0 in

## FIRESTORM 10T NITRO RTR

Dimensions: Length: 16.7 in  
Width: 12.8 in • Wheelbase:  
Adjustable

- ◆ Top 2WD's 3 mm aluminum chassis provides a sturdy platform for a pull-start G3.0 engine with aluminum tuned pipe.
- ◆ Fully adjustable suspension includes vertically adjustable camber links, multiple shock positions and more.

HPIC0510	Firestorm 10T 2WD RTR.....	\$269.97
----------	----------------------------	----------



## E-FIRESTORM RTRS

- ◆ HPIC1055 comes with a 15T Firebolt motor and SC-15 ESC with reverse; the Flux version features a 5700kV V-Flux Warp brushless motor and sensorless Flux Motiv ESC!

HPIC1055	RTR w/DSX-2 Body.....	\$179.97
HPID55**	Flux RTR w/DSX-2 Body.....	309.99



Flux RTR  
w/DSX-2 Body

RTR w/  
DSX-2  
Body

## 1/8 HELLFIRE NITRO 4WD RTR

- ◆ Designed from scratch for maximum monster truck performance, with an extra-light (9.2 lb) weight and extra-powerful K4.6 HO (High Output) engine!

HPIC1050	Hellfire Nitro RTR.....	\$609.99
----------	-------------------------	----------



Length: 20.2 in  
Width: 16.2 in  
Height: 6.8 in

## NITRO RS4 3 EVO+ 4WD RTRS

- ◆ RS4 3 Evo+ models include a Roto Start™-equipped T3.0 engine, engine and a painted, decaled and licensed replica body!

- ◆ Nitro 3 Drift cars (HPID71\*\* & 72\*\*) have a repositioned CG for easy drifting, with a pull-start G3.0 engine and Toyota Soarer or Nissan Silvia body



Nitro EVO+  
w/GReddy 350Z

HPID50**	NSX.....	\$319.98
HPID51**	GReddy 350Z.....	319.98
HPID52**	1966 Mustang GT.....	319.98
HPID53**	AAR Cuda.....	319.98
HPID74**	'67 Corvette.....	309.99
HPID75**	Subaru Impreza.....	319.98
HPID71**	Drift Nissan Silvia.....	319.99
HPID72**	Drift Toyota Soarer.....	319.99

## E10 4WDS

- ◆ Detailed replicas of today's hottest touring and drift cars offer ten easy, economical ways to get up and running in 1/10 scale on-road!

- ◆ Available in assembled and RTR versions — and all (except the Ford GT) can be set up for touring success or drifting thrills!

w/Mazda RX-7



HPIC2702	RTR Drift Mazda RX-7.....	\$189.99
HPIC2703	RTR Drift Toyota Trueno AE86.....	189.99
HPIC2704	RTR Lamborghini Murcielago.....	189.99
HPIC2705	RTR Skyline R32 GT-R.....	189.99
HPIC2706	RTR Ford Mustang GT-R.....	189.99
HPIC2707	RTR Ford GT Body 200mm.....	189.99
HPIC2760	Drift Mazda RX7 Assembled No Electrics.....	104.99
HPIC2761	Drift Trueno Assembled No Electrics.....	104.99
HPIC2762	w/Murcielago Assembled No Electrics.....	104.99
HPIC2763	w/Skyline GT-R Assembled No Electrics.....	104.99
HPIC2764	w/Mustang GT-R Assembled No Electrics.....	104.99

## 1M CUP RACER 4WD EP KITS

- ◆ A "True Ten" design that delivers unsurpassed scale realism!

- ◆ Compatible with 540 motors and LiPo packs, with a sturdy FRP chassis, front/rear oil shocks, front inboard shocks, a low-CG laydown steering servo and more.

- ◆ Choose from two different Datsun bodies and a Toyota Levin AE86.



w/Toyota  
Levin AE86



w/Datsun 510



w/Datsun  
240Z

HPIC0594	w/Datsun 240Z.....	\$204.99
HPIC0596	w/Toyota Levin AE86.....	204.99
HPIC2595	w/Datsun 510.....	209.99

## FORMULA TEN F1 KIT

- ◆ Lots of scale detail, with the ability to let you replicate your favorite racing team's trim scheme.
- ◆ T-bar, "pan car" styling makes it easy for beginners to set up and highly resistant to crash damage.
- ◆ Performance features galore for club racers and serious drivers, with lots of hop-ups available.



HPIC2851	Formula Ten Kit w/Type 016C Clear Body.....	\$119.99
----------	---	----------



**All HPI Engines carry a full 2-year warranty!**

**CARS & TRUCKS**

### 1/12 WHEELY KING 4WDS

- ◆ Assembled version arrives prebuilt, with a painted and decaled body, 27T, 540 motor — and 6" of suspension travel!
- ◆ RTR adds a TF-1 AM radio, reversible ESC, 1500mAh NiCd battery and AC charger to Assembled features — plus your choice of Bounty Hunter™, Iron Outlaw™ and Scarlet Bandit™ licensed bodies!



HPID83**	Wheely King RTR .....	\$209.97
HPID91**	RTR w/Bounty Hunter Body .....	209.97
HPID92**	RTR w/Iron Outlaw Body .....	209.97
HPID93**	RTR w/Scarlet Bandit Body .....	209.97
HPIC0836	4x4 Assembled .....	134.97

### NITRO MONSTER KING 4X4 RTR

- ◆ Go from fast stadium monster action to grueling off-road bashing without missing a beat!
- ◆ The pull-start T-15L engine pours on the power, and is laydown-mounted for better weight distribution.
- ◆ A painted, trimmed body tops off the TVP chassis on 5.4" all-terrain tires on fat chrome wheels.



HPID63**	Nitro Monster King 4x4 RTR .....	\$309.99
----------	----------------------------------	----------

### CRAWLER KING 4WD RTR

- ◆ Become king of the mountain with this colossal crawler!
- ◆ Ready for action, with a TF-1 radio with SF-1 steering servo and EN-1 ESC included and installed.
- ◆ Rock Grabber tires, full-time 4WD and a high-torque 550 motor tackle mud, sand, rock and gravel with ease.
- ◆ Topped off with a painted and trimmed Jeep® Wrangler® Rubicon body.



HPID15**	Crawler King Jeep Wrangler Rubicon RTR...	\$269.99
----------	---	----------

### NITRO MT2 G3.0 4WD RTR

- ◆ Shaft-started G3.0 engine offers more displacement for more torque — and top-end speeds of over 45 mph!
- ◆ Upgrades include an aluminum dual-chamber tuned pipe and header, plus a 100 cc fuel tank for longer runs between fill-ups.
- ◆ Assembled, with TF-1 body, painted Dirt Force body & Roto Start™ shaft starter.



HPIC1410	Nitro RS4 MT2 G3.0 RTR .....	\$339.99
----------	------------------------------	----------

### 1/5 BAJA 5B GASOLINE BUGGIES

- ◆ Classic Baja styling and a rip-roaring R/C ride!
- ◆ Choose the fully assembled 5B 2.0 RTR with a revised 23cc engine for 10% more power, anodized aluminum parts and painted body, — or the SS Kit with 26cc engine and clear, pre-cut body ready for customizing.
- ◆ Adjustable double wishbone suspension handles turf smaller buggies can't, and can run for over a half-hour on a single tank of gasoline!



HPIC0691	5B SS Kit w/Clear Body .....	\$549.99
HPIC0621	5B 2.0 RTR .....	1069.99

### 1/5 BAJA 5T GAS TRUCK RTR

- ◆ Aggressive desert truck looks complement this rugged off-roader's excellent performance!
- ◆ The massive 26cc gas engine features easy tuning, top speeds of over 40 mph and run times of more than 30 minutes on a single tank.
- ◆ Desert Buster tires are mounted on Outlaw wheels with real bead locks.



HPIC1600	1/5 Baja 5T RTR .....	\$1349.99
----------	-----------------------	-----------

### BRAMA & CYBER 10B 4WD

- ◆ The rugged Brama comes Ready-To-Run, with a sealed drivetrain, Saturn motor, EN-1 forward/reverse ESC, TG-1 radio and a 1500mAh NiCd pack with overnight charger.



HPIC0791	Brama 10B RTR .....	\$179.97
HPIC1702	Cyber 10B Kit w/CB-1 Clear Body .....	219.99

### SPRINT 2 4WDS

- ◆ Trueno and Greedy 350Z drift cars are available as assembled ARR's or prebuilt RTR's w/TF-1 Radio, SC-15 ESC and a 15T Firebolt motor.
- ◆ Sprint 2 Sport RTRs include radio, esc, motor and a painted, decaled body!
- ◆ Also available: Sprint 2 Flux RTRs featuring the Flux brushless motor system and a choice of 3 classic American muscle car bodies!



HPIC1708	RTR Sport Toureza 200mm .....	\$189.99
HPIC1709	RTR Sport 2006 HPI Impreza 200mm .....	194.99
HPIC1758	Drift Toyota Trueno Assembled .....	139.99
HPIC1759	Drift Nissan 350Z GReddy Assembled .....	139.99
HPIC1760	RTR Drift Trueno .....	209.99
HPIC1761	RTR Drift 350Z .....	209.99
HPIC0221	Flux RTR w/Ford Mustang GT-R .....	329.99
HPIC0422	Flux RTR w/'66 Mustang GT .....	319.99
HPIC0423	Flux RTR w/'67 Corvette .....	324.99

Flux RTR w/Ford Mustang GT-R

### 1/18 MICRO RS4 DRIFT 4WD RTR



- ◆ Get sideways with the smallest (and best equipped) drift car available!
- ◆ Assembled and painted, with TF-3 radio, motor, ESC and "D-Box" Drift Assist System.

HPIC0637	RTR w/Trueno Body ....	\$219.99
----------	------------------------	----------

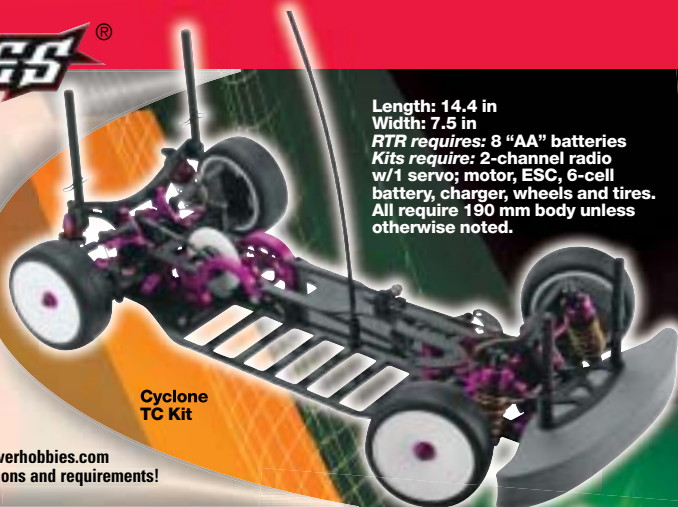


## Cyclone 4WD Touring Cars

If it's designed to win, it's a Cyclone! The Atsushi Hara-inspired **TC Kit** is loaded with winning features, including a 2.5mm graphite main chassis with 2mm FRP middle block deck that increases lateral flexibility and rear traction. It also has a fully adjustable suspension with reversible carbon composite arms, extra-efficient universal dogbones and more! The sport **Cyclone S Kit** cuts costs with durable high-quality, injection-molded parts — but keeps the competition model's fully upgradeable, fast-chassis design! It's available without a body, or in a kit that includes one, such as the stylish **MooreSpeed Dodge Stratus** (also available as an RTR).

Stock #	Description	Retail	Tower
HBSC6642	Cyclone S RTR w/MooreSpeed Stratus Body	\$490.00	\$249.99
HBSC6643	Cyclone S Kit w/ MooreSpeed Stratus Body..	320.00	164.99
HBSC6645	Cyclone S Kit w/o Body .....	300.00	159.99
HBSC7700	Cyclone TC Kit .....	770.00	389.99

See [www.towerhobbies.com](http://www.towerhobbies.com) for specifications and requirements!



Length: 14.4 in  
Width: 7.5 in  
RTR requires: 8 "AA" batteries  
Kits require: 2-channel radio w/1 servo; motor, ESC, 6-cell battery, charger, wheels and tires. All require 190 mm body unless otherwise noted.

## 1/8 Lightning D8 Nitro 4WD Kit

The D8 demonstrates what it really means to be designed for tough 1/8 scale action, from its tough 4mm aluminum chassis to the colossal 16mm big bore shocks. Both the radio tray and engine mount are 1-piece. Captured hinge pins ease maintenance even more. With wheels "barely legal" big and an intimidating, no-nonsense body, this 19.7" long buggy will leave competitors crying, "Wow — I should've had a D8!" Read more at [www.towerhobbies.com](http://www.towerhobbies.com).

Stock #	Description	Retail	Tower
HBSC6730	1/8 Lightning D8 Nitro 4WD Kit .....	\$700.00	\$369.99



## 1/8 D8T Nitro 4WD Kit

Building on the success of the D8, the D8T truggy takes winning performance to the next level! A lower CG and optimal weight distribution make it super-stable and easy to drive, and the chassis has been lengthened to move the engine closer to the center. The suspension has been specially designed to keep the tires more in contact with the ground for better traction, and 16 mm Big Bore shocks provide superior dampening.

Stock #	Description	Retail	Tower
HBSC6780	1/8 D8T Kit .....	\$840.00	\$449.99



## Cyclone-S Drift RTRs

Drifting is one of the most exhilarating forms of R/C driving, and the Cyclone-S is the best way to get into it! The dual deck chassis is super-stiff and fully symmetrical, and designed to accommodate any electric power system. Components mount on the lower level to lower the CG for better stability, and a 2-part bumper protects the chassis and suspension from high-speed impacts. Choose from two detailed scale bodies: the **Toyota Trueno** and the **Mazda RX-7 FD3S**.

Stock #	Description	Retail	Tower
HBSC1703	Cyclone-S Drift RTR w/Toyota Trueno Body.....	\$480.00	\$249.99
HBSC1709	Cyclone-S Drift RTR w/Mazda RX-7 FD3S Body.....	480.00	249.99



Cyclone-S Drift RTR w/Mazda RX-7 FD3S Body



Cyclone-S Drift RTR w/Toyota Trueno Body

## 1/8 Lightning GTX2 Twin .26 Monster Truck RTR

With the GTX2, Lightning *does* strike twice! Dual Jump Start-equipped .26 Power Factory racing engines with dual carbs give you double the firepower — and each has its own high-capacity fuel tank. A long-wheelbase chassis, 8 long oil shocks and high-grip tires keep you grounded for maximum maneuverability. Also included are a radio, fuel bottle, glow starter and 12 "AA" batteries. See [www.towerhobbies.com](http://www.towerhobbies.com) for specifications and requirements.

Stock #	Description	Retail	Tower
HBSC5508	1/8 Lightning GTX2 Twin .26 Monster Truck RTR .....	\$1250.00	\$669.99



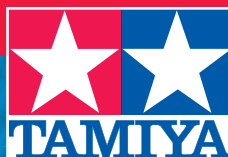
## 1/12 HB 12X Kit

Improving upon the championship-winning Cyclone 12, the 12X incorporates the refinements of Hot Bodies team drivers, resulting in a circuit racer that's second to none! A new steering knuckle means a lower ride height, and the FRP front cross brace provide extra steering "feel." An adjustable ball clamp on the graphite lower suspension arms helps eliminate steering slop, and ultra-hard titanium nitride coating adds durability and smoothness to the hinge pins, kingpins and shock shafts.

Stock #	Description	Retail	Tower
HBSC6626	1/12 HB 12X Kit .....	\$460.00	\$229.99







**Toyota Land Cruiser 40 Kit**  
Length: 15.0 in



**Super Clod Buster 4x4 Kit**  
Length: 17.3 in



**Toyota Hilux Kit**  
Length: 19.4 in

## Crawlers, Monsters & Trucks

Some look like they just rolled out of the showroom. Some look like wild custom machines. And one — the **XB Levant Racing Truck RTR** — includes a brushless motor and ESC, plus radio! **Crawlers** are built on a rugged CR-01 aluminum chassis, with planetary gearboxes, high-volume shocks and huge, 125 x 56 mm rock-crawler tires on 3-piece beadlock wheels. There are six in all, including the unique **Mercedes-Benz Unimog 406**, the classic **1973 Ford Bronco 4x4**, **Jeep Wrangler** and three **Toyota Land Cruiser 40s**. Two are assembled RTRs, which feature a finished body, radio, motor, ESC and bright LED light sets. Most vehicles — including the dual-motored **Twin Detonator** and **TXT-1** — are 1/10 scale, 4WD vehicles. Exceptions include the 2WD **Blackfoot Xtreme** and two 1/12 scale vehicles: the 2WD **Midnight Pumpkins** and the 4WD **XB M1025 Humvee RTR**. All include motor. Many also include an ESC.

TAMC0056	1973 Ford Bronco 4x4 CR-01 Kit.....	\$399.99
TAMC0321	Super Clod Buster 4x4 Kit.....	219.99
TAMC0863	Super Clod Buster Metal Plated Kit.....	359.99
TAMC0375	1/12 Midnight Pumpkin Metallic Special Kit.....	119.98
TAMC0762	1/12 XB Midnight Pumpkin Metallic RTR.....	219.99
TAMC0782	1/12 M1025 Humvee RTR.....	304.99
TAMC0803	Toyota Land Cruiser 40 RTR Red.....	599.99
TAMC0804	Toyota Land Cruiser 40 RTR Green.....	599.99
TAMC0839	Toyota Land Cruiser 40 CR-01 Kit.....	364.98
TAMC0840	Cayenne S Transsyberia '07 DF-01 Kit.....	159.99
TAMC0854	Mercedes-Benz Unimog 406 CR-01 Kit.....	374.99
TAMC0856	Toyota Tundra High-Lift Kit.....	499.99
TAMC0913	Toyota Hilux High-Lift Kit.....	429.99
TAMC0815	Mitsubishi Pajero Metal Top RTR.....	309.99
TAMC0879	Jeep Wrangler CR-01 Kit.....	439.99
TAMC2528	Jeep Wrangler CC-01 Kit.....	214.99
TAMC0169	Twin Detonator Kit.....	139.99
TAMC0172	Blackfoot Xtreme Kit.....	132.99
TAMC0196	Ford F-350 High-Lift Kit.....	419.99
TAMC0280	TXT-1 Monster Truck 4WD Kit.....	419.99
TAMC0827	XB Levant Racing Truck RTR.....	394.99

## Nostalgic Series



**Buggy Champ Kit**  
Length: 15.7 in

**The Frog 2WD EP Buggy Kit**  
Length: 15.7 in

**Lunch Box Kit**  
Length: 14 in.

Whether you're looking for a blast from the past or your first-ever R/C ride, these vintage 2WD vehicles are just what you need. This year's selection includes a 30th anniversary edition of 1979's **Buggy Champ**, as well as 1/12 scale **Lunch Box** (TAMC0759, 0357) and a host of 1/10 scale classics. All kits include a motor and all (except the **Wild Willy 2000 Kit**) also include an ESC with reverse. All **XB** (Expert Built) RTRs are assembled, painted and decaled, with radio gear and a motor already installed.

TAMC0061	Buggy Champ 2009 Kit.....	\$339.99
TAMC0186	XB The Frog RTR.....	249.99
TAMC0346	The Hornet RWD Kit.....	112.98
TAMC0356	Grasshopper Off-Road Kit.....	89.99
TAMC0357	1/12 Lunch Box Kit.....	104.98
TAMC0364	The Frog Kit.....	149.97
TAMC0394	Subaru Brat Kit.....	159.99
TAMC0756	XB The Grasshopper RTR.....	174.99
TAMC0759	1/12 XB Lunch Box RTR.....	199.99
TAMC0952	Wild Willy 2000 Kit.....	154.99

## TRF801X 1/8 Nitro 4WD Racing Kit



Fully adjustable and designed to win, the TRF801X uses anodized aluminum and carbon fiber parts to maximize strength and lightness. Full bearings and 15 mm oil shocks are just two of its track-mastering features. Requires a 2-channel radio, .21-.28 engine, wheels, tires and fuel. Length: 19.5 in.

TAMC0471 1/8 TRF801X Nitro 4WD Racing Kit..... \$689.99

## TamTech-Gear 1/12 Vehicles



**Porsche Turbo 935 RSR Kit**  
Length: 14.2 in.

They're small in size, but big on fun and affordability. All offer the benefits of full bearings, fully adjustable double-wishbone suspension, dependable 2WD and a punchy 370 motor. **RTRs** add ease and completeness with finished bodies, assembled chassis and all electronics: Expec radio, ESC, motor, 6-cell NiMH battery pack and a charger.

TAMC0677	Buggy Champ GB01 RTR.....	\$219.99
TAMC0679	Porsche 935 Martini RTR.....	234.99
TAMC0764	Porsche Turbo RSR Kit.....	139.99
TAMC2527	Porsche 934 Kit.....	209.99





## 1/10 Scale Car, Buggy & Truck Kits



**Ford F-150 Race Truck Kit**  
Length: 16.1 in



**Hotshot 4WD Kit**  
Length: 15.3 in



**Lamborghini Countach  
LPS500S TT-01E Kit**



**TRF416 World Edition 4WD  
Chassis Kit** Length: n/a

With over five dozen cars and buggies to choose from, it's clear that no one offers you more choices than Tamiya. For that matter, no one offers you more for your money than Tamiya and Tower Hobbies. All Tamiya vehicles (except chassis kits) include a motor. Most also include an electronic speed control. And the list of "extras" offered with some on-road cars is impressive. There are vehicles with painted bodies (the **Audi A4 DTM 2005** and **Ferrari FXX**, head and taillights (**BMW 320si WTCC '06 Team Germany** and most cars with TT-01D- and E style chassis) and special drift racing packages (see "Drift Spec" in descriptions). And while most vehicles are shaft-driven 4WDs, there are other choices for drivers who prefer 2WD off-roaders (**Sand-Viper** and **Rising Fighter**), FWD on-road cars (**Alfa Romeo Giulia Sprint GTA**, **Suzuki Super Swift 1600** and all **Mini Coopers**) and even 4WD belt drives (the DB01 **Baldré** and **Durga** buggies and on-roaders that include the **Cusco Dunlop Subaru Impreza** and **TRF511** and **TRF416 Chassis Kits**).

### Off-Road Electric Kits

TAMC0198	Sand-Viper Kit.....	\$139.99
TAMC0328	Gravel Hound Buggy Kit.....	129.99
TAMC0334	Rising Storm Racer Kit.....	132.99
TAMC0380	Dark Impact 4WD Kit.....	164.99
TAMC0390	Keen Hawk Kit.....	172.99
TAMC0397	Avante MkII DF-03 Kit.....	179.99
TAMC0401	Hotshot Kit.....	199.99
TAMC0837	Neo Falcon DT-02 Kit.....	129.99
TAMC0844	Baldré DB01 Kit.....	219.99
TAMC0857	Rising Fighter Kit.....	86.99
TAMC0858	Subaru Impreza WRC Monte Carlo 4WD Kit.....	224.99
TAMC0866	Ford F-150 Race Truck Kit.....	152.99
TAMC0868	Boomerang 4WD Buggy Kit.....	174.99
TAMC0895	Durga DB01 Kit.....	209.99
TAMC0896	Dualhunter 4WD Racing Kit.....	174.99
TAMC0914	Plasma Edge Kit.....	114.99
TAMC0918	Subaru Impreza WRC 2008 Rally DF-03 Kit.....	224.99

### On-Road Electric Kits

TAMC0053	Mercedes AMG DTM '08 TT-01E Kit.....	164.99
TAMC0055	Cusco Dunlop Subaru Impreza TA-05 Kit.....	229.99
TAMC0057	Mitsubishi Lancer Evolution X Kit.....	149.99
TAMC0058	Mini Cooper Racing M-05 Kit.....	129.99
TAMC0059	Cusco Dunlop Subaru Impreza TT-01E Kit.....	169.99
TAMC0063	M-05 PRO Chassis Kit.....	162.99
TAMC0075	Castrol Celica '94 Monte Carlo Kit.....	234.99
TAMC0078	Lancer Evo. IV Monte Carlo DF03RA Kit.....	234.99
TAMC0167	Alfa Romeo Giulia Sprint GTA Kit.....	104.99
TAMC0199	Mobil 1 SC TA-05 Kit.....	169.99
TAMC0295	BMW New Mini Cooper Kit.....	109.99
TAMC0323	Schnitzer BMW M3 Sport Evo Kit.....	114.99
TAMC0358	Racing TT-01R Chassis Kit.....	149.99
TAMC0359	Subaru Impreza WRC '05 TT-01D Drift Spec Kit ..	149.99
TAMC0360	Mercedes C-Class DTM '04 TA-05 Kit.....	169.99
TAMC0365	Audi A4 DTM 2005 TT-01 Kit.....	119.99
TAMC0378	Suzuki Super Swift 1600 Kit.....	124.99
TAMC0387	Ferrari FXX TT-01 Kit.....	124.99
TAMC0393	Volkswagen Beetle Kit.....	129.99
TAMC0395	BMW 320si WTCC '06 Team Germany TT-01 Kit...	154.99
TAMC0398	Mazda RX-7 TT-01D Drift Spec Kit.....	174.99
TAMC0400	Subaru Impreza WRC Monte Carlo '07 TT-01 Kit..	144.99
TAMC0402	Toyota Supra TT-01D Drift Spec Kit.....	152.99
TAMC0553	FWD Hi Performance Racing M-03R Kit.....	199.99
TAMC0834	Enzo Ferrari TT-01 Kit.....	104.99
TAMC0841	Fiat 500 M-03M Kit.....	139.99
TAMC0842	Nissan Fairlady Z Ver NISMO TT-01E Kit.....	149.99
TAMC0847	Porsche 911 GT3 Cup VIP '07 TT-01E Kit.....	159.99
TAMC0849	ARTA Garaia TB-03 Kit.....	219.99
TAMC0850	Volkswagen Golf GTI Cup Car TT-01 Kit.....	162.99
TAMC0851	Nissan GT-R TT-01E Kit.....	159.99
TAMC0852	Xanavi NISMO GT-R (R35) TB03 Kit.....	224.99
TAMC0853	Lamborghini Countach LP500S TT-01E Kit.....	174.99
TAMC0859	NISMO R34 GT-R Z-Tune TT-01D Kit.....	199.99
TAMC0860	TB-03D Drift Spec Chassis 4WD Kit.....	192.99
TAMC0861	Porsche 911 GT3 Team Kit.....	159.99
TAMC0864	Takata NSX '08 TB03 Kit.....	214.99
TAMC0906	Subaru Impreza WRC 2008 TT-01E Kit.....	179.99
TAMC0907	Nissan Skyline GT-R Drift Spec TT-01D Kit.....	209.99
TAMC0908	Aristo w/LED Lights Drift Spec TT-01ED Kit.....	199.99
TAMC0915	Mini Cooper S '06 Kit.....	124.99
TAMC0920	Calsonic Impul GT-R 2008 Kit.....	219.99

### TRF Kits

TAMC0910	TRF511 Chassis Kit.....	594.99
TAMC1998	TRF416 World Edition Chassis 4WD Kit.....	599.99

## 1/14 Scale Semi & Trailer Kits

Rule the road with a Tamiya "Big Rig"! The newest tractor truck is the **Scania R620 6x4 Highline**. Like the others, it's built on a rugged aluminum ladder frame chassis, with features that include a 540 motor, a 3-speed tranny, shaft drive and a suspension with working metal leaf springs and coil-over shocks. Trailer kits (sold separately) offer a choice of a flatbed with chain tie-downs, a Shell Oil tanker, Intercontinental Express cargo container and a reefer complete to "Polar Bear Express" markings!



**King Hauler  
Tractor Truck**  
Length: 23.6 in



**Scania R620  
6x4 Highline**  
Length: 20.5 in

TAMC0631	1/14 King Hauler Tractor Truck Kit.....	\$399.99	TAMC0644	1/14 Globe Liner Semi Truck Kit.....	\$379.99
TAMC0632	1/14 Semi Trailer Kit.....	289.99	TAMC0648	1/14 Tractor Truck Scania R470 Highline Kit	349.99
TAMC0638	1/14 Flatbed Semi Trailer Kit.....	194.99	TAMC0649	1/14 3-Axle Reefer Semi Trailer Kit.....	409.99
TAMC0643	1/14 Tank Trailer Kit.....	349.99	TAMC0660	1/14 Scania R620 6x4 Highline Kit.....	374.99
			TAMC6314	1/14 Knight Hauler Kit.....	389.99



## Expert Built RTRs

There's no such thing as too much drive time — and that's why XB (Expert Built) vehicles are so popular. Finished bodies and assembled chassis reduce prep time to a minimum. All come equipped with a 540 motor, ESC and a radio for hot performance. Except for the buggies and front-wheel drive **Fiat 500 M-03M** and **Mini Cooper '94 Monte Carlo**, all vehicles are 4WD on-road cars with factory-installed LED head- and taillight kits.

**XB Rising Storm 4WD RTR**  
Length: 15.5 in



**XB Nissan GT-R TT-01E**  
Length: 18 in



### Off-Road RTRs

TAMC0731	XB Rising Storm 4WD RTR.....	<b>\$194.99</b>
TAMC0809	XB Hotshot RTR.....	<b>304.99</b>

### On-Road RTRs

TAMC0068	XB Xanavi NISMO GT-R R35 TT-01E RTR.....	<b>259.99</b>
TAMC0070	XB ORC Amemiya SGC-7 TT-01E RTR.....	<b>259.99</b>
TAMC0071	XB Mercedes AMG DTM C Class 2008 RTR.....	<b>259.99</b>
TAMC0072	XB Lexus GS400 Drift Spec TT-01D RTR.....	<b>259.99</b>
TAMC0074	XB Skyline GT-R Drift TT-01D RTR.....	<b>279.99</b>
TAMC0076	XB Castrol Celica '93 TT-01E RTR.....	<b>229.99</b>
TAMC0079	XB Lancer Evo. IV TT-01E RTR.....	<b>229.99</b>
TAMC0800	XB Nissan GT-R TT-01E RTR.....	<b>259.99</b>
TAMC0802	XB Lamborghini Countach LP500S RTR.....	<b>269.99</b>
TAMC0817	XB Porsche 911 GT3 Team KTR TT-01E RTR.....	<b>249.99</b>
TAMC0818	XB Subaru Impreza WRC 2008 TT-01E RTR.....	<b>249.99</b>
TAMC0819	XB Fiat 500 M-03M RTR.....	<b>221.99</b>
TAMC0828	XB Porsche 911 GT3 2008 White TT-01E RTR.....	<b>259.99</b>
TAMC0831	XB Golf GTI Red TT-01E RTR.....	<b>249.99</b>
TAMC0902	XB Golf GTI Black TT-01E RTR.....	<b>249.99</b>
TAMC0736	XB Mini Cooper '94 Monte Carlo M-03 RTR.....	<b>179.99</b>
TAMC0777	XB Nismo Coppermix Silvia TT-01 RTR.....	<b>209.99</b>
TAMC0786	XB Mazda RX-7 TT-01D Drift Spec RTR.....	<b>291.99</b>
TAMC0787	Impreza WRC MC w/LED '07 RTR.....	<b>224.99</b>
TAMC0797	Porsche 911 GT3 Cup VIP '07 TT-01E RTR.....	<b>254.99</b>
TAMC0898	XB Raybrig NSX TA05-IFS '07 Kit.....	<b>199.99</b>
TAMC0903	XB Lamborghini Countach White TT-01E RTR.....	<b>254.99</b>
TAMC0904	XB Lamborghini Countach Yellow TT-01E RTR.....	<b>254.99</b>

**F103RM w/Body Kit**  
Length: 13.5 in



**F104 Pro**  
Length: 16.1 in



## 1/10 Scale Formula One Kits

These 2WDs share more than the F1 look; they share most performance features, too. Their 540 motors and ball diffs push power directly to rear 2.6" foam tires. The rear suspension is a shock-dampened T-bar rear; the front is an independent king-pin coil spring. Bellcrank steering delivers the strong, quick response needed to negotiate the turns, and features a built-in servo saver for damage protection. The **F103RM** puts it all on an FRP racing platform; the **F104** and **F013R 15th Anniversary Chassis** offer the ultra-light strength of carbon fiber. The F104 and F103RM also include a clear body and wings. See [www.towerhobbies.com](http://www.towerhobbies.com) for full requirements.

TAMC0051	F104 PRO Kit w/Body.....	<b>\$259.99</b>
TAMC2526	F103R 15th Anniversary Chassis Kit.....	<b>259.99</b>
TAMC2532	F103RM w/Body Kit.....	<b>189.99</b>

**1/16 Leopard 2 A6**  
Main Battle Tank Kit  
Length: 27.1 in



**1/35 M4A3**  
Sherman Tank Kit  
Length: 7.25 in



## Scale Tank Kits

They don't simply look like full-size tanks; they move and sound like them, too. You can send them into forward and reverse, turn left and right, pivot in place, rotate the turret — even raise and depress the main gun. All arrive with motor(s), gearboxes and control units installed, ready for building — and all four 1/35 Scale tank kits also include a 4-channel radio. 1/16 Scale tanks for intermediate and advanced modelers offer more a more impressive presence on the battlefield with their size, realistic sounds and lighting effects! All 1/16 scale tanks require radio. Install or retrofit the infrared **Battle System** on two tanks and wage wireless warfare! See [www.towerhobbies.com](http://www.towerhobbies.com) for requirements.

TAMC0609	1/35 German Panther Type G.....	<b>\$149.99</b>	TAMC0620	1/16 Leopard 2 A6 Main Battle.....	<b>\$1069.99</b>
TAMC0616	1/35 German Panzerkampfwagen IV Ausf.J.....	<b>149.99</b>	TAMC0622	1/16 Tank German Panther Type G.....	<b>914.99</b>
TAMC0617	1/35 M4A3 Sherman.....	<b>144.99</b>	TAMC0616	1/16 U.S. M26 Pershing T26E.....	<b>684.99</b>
TAMC0618	1/35 Russian Medium T-34-85 ARR.....	<b>139.99</b>	TAMC0626	1/16 Panzerkampfwagen IV Ausf.J w/Option.....	<b>999.99</b>
TAMC0663	1/25 RCT British Chieftain.....	<b>229.99</b>	TAMC0628	1/16 Russian Heavy Tank KV-1 Option.....	<b>949.99</b>
TAMC0610	1/16 Tiger 1 w/DMD T-03 & MF-01.....	<b>739.99</b>	TAMC0613	Battle System.....	<b>104.99</b>
TAMC0614	1/16 M4 Sherman 105mm.....	<b>569.99</b>			



# TRAXXAS

## Velineon

EXTREME BRUSHLESS POWER SYSTEM

NOW AVAILABLE FOR  
1/16 MODELS

Own the same brushless system that powers the 1/16 scale E-Revo VXL and Slash VXL 4WD! Experience incredible performance with brushless done the Traxxas way: wicked fast and easy to use. Just plug it in and it works. The key is total system optimization. All of the components in the system are engineered to eliminate restriction and allow maximum power flow. High frequency transistors and advanced circuit design deliver incredibly smooth and refined throttle control. The Velineon VXL-3m electronic speed control simplifies brushless technology with easy operation and 3 drive profiles including Sport, Race, and Training Mode™ (patent pending). Training Mode limits full-throttle power to 50%. When basic driving technique is mastered, full-power excitement is unleashed at the touch of a button.



TRAC3371	Velineon 380 Extreme Brushless Power System	Now \$62.99
TRAP3063	Wire Harness Series Batt Conn	Now \$7.69
TRAP3064	Wire Harness Parallel Batt Conn	Now \$7.69

# The Fastest Name In Radio Control



BRUSHLESS-POWERED  
SHORT-COURSE  
RACING EXCITEMENT

Experience the thrill of short-course racing in 1/16 scale, with the speed and performance only Traxxas Velineon® brushless power can provide! Rocket to 30+mph with the included Power Cell NiMH battery. Install a second battery and speed connector (sold separately) for top speeds of 50+mph! Rip over jumps, power-slide through turns, bump-and-run to the finish line — the 4-wheel independent suspension has been carefully tuned to replicate the Pro 4x4 driving and handling experience, and the Velineon brushless motor system gives Slash VXL dirt-slinging horsepower to rival the “real thing.”

TRAD02**	1/16 Slash VXL 4WD (Brushless) RTR	Now \$289.99
TRAD07**	1/16 Slash 4WD (Brushed) RTR	Now \$199.98
TRAP3063	Wire Harness Series Batt Conn (Brushless model only)	Now \$7.69
TRAC2925	7.2V NiMH Stick Power Series 1	Now \$20.99



2 Skill Level  
30+ mph

Out of the box with included battery

4 Skill Level  
50+ mph

With additional battery and Traxxas speed connector (sold separately)



WE SCALED DOWN  
EVERYTHING  
EXCEPT THE POWER!

The innovation of E-Revo combines with Traxxas Velineon brushless power in 1/16 scale for unbeatable all-terrain fun, excitement, and performance! E-Revo VXL's race-derived suspension puts full-scale sophistication in the palm of your hand with performance that far exceeds any ordinary “mini” truck—30+mph with the included Power Cell NiMH battery, 50+ when you add a second battery and speed connector (sold separately)! State-of-the-art brushless horsepower, precision fit and finish, full hex hardware, sealed silicone-filled differentials...no detail was spared to bring you the exciting driving experience and quality feel you expect from Traxxas, The Fastest Name In Radio Control.®



2 Skill Level  
30+ mph

Out of the box with included battery

4 Skill Level  
50+ mph

With additional battery and Traxxas speed connector (sold separately)

TRAD01**	1/16 E-Revo VXL 4WD (Brushless) RTR	Now \$299.99
TRAD09**	1/16 E-Revo (Brushed) RTR	Now \$209.99
TRAP3063	Wire Harness Series Batt Conn (Brushless model only)	Now \$7.69
TRAC2925	7.2V NiMH Stick Power Series 1	Now \$20.99

**GETTING STARTED IS EASY!** Traxxas electric models come fully assembled, Ready-To-Race®, and include a battery pack and an installed Traxxas TQ pistol transmitter system. Each RTR model comes with a fully painted and trimmed ProGraphix® body. All are equipped with the Traxxas High-Current Connector.



BRING THE RACING ACTION HOME!

The Traxxas Slash Short-Course Race Truck puts you in the driver's seat for intense high-flying off-road action. Slash brings all the racing home so drivers can experience the high-speed fender-banging competition at the track or in your own backyard. Inspired by the Pro 2WD trucks that compete in THE Traxxas Off-Road Championship (TORC) series, the Traxxas Slash hangs it out for an all new way to challenge your driving skills. The 4-wheel independent suspension has been carefully tuned to replicate the Pro 2WD driving and handling experience as closely as possible. Whenever two or more Slash trucks come together, the race is on!



1 Skill Level  
30+ mph

TRAC43**	Slash RTR	Now \$199.98
----------	-----------	--------------



Ready-To-Race

# SLAYER

SHORT-COURSE ACTION WITH  
INCREDIBLE POWER & SPEED!

Only Slayer™ puts you behind the wheel of an authentic short-course racing truck with the award-winning power and performance of Traxxas' TRX® 3.3 racing engine. With a power-to-weight ratio that rivals the full-size 900+ horsepower racing trucks that compete in THE Traxxas Off-Road Championship (TORC) events, Slayer brings the excitement of short-course racing to your backyard, local track or favorite R/C hot spot. Slayer is built on Revo technology with the incredible suspension travel of the rocker-actuated inboard shocks. Fully assembled and Ready-To-Race®, Slayer delivers the raw sound of nitro burning horsepower and the fierce intensity of wheel-to-wheel competition. It's the ultimate in realism in off-road racing.



EZ-START

4 Skill Level  
50+ mph

TRAC08**	Slayer RTR	Now \$369.99
----------	------------	--------------



# Ready-To-Race®



Two 7-Cell Battery Packs Included!

Ready-To-Drive

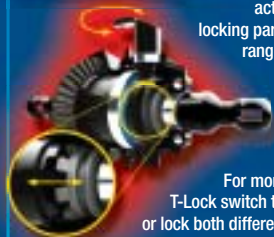
## SUMMIT

**UNPRECEDENTED VERSATILITY  
WITH T-LOCK DIFFERENTIALS  
AND HIGH-LOW TRANSMISSION**

Unstoppable—on the trail or over the rocks! The Summit™ Extreme Terrain Monster Truck gives you the ability to lock the differentials and shift from low to high gear right from the transmitter.

**T-LOCK™  
REMOTE LOCKING  
DIFFERENTIAL**

No need to break from the action to swap gears or install locking parts. Tear up the trail in "high range" with a 25:1 ratio for dirt-slinging speed. When the terrain turns technical, drop it into "low range" for a 70:1 ratio and unreal climbing torque.



For more climbing traction, flip the T-Lock switch to lock the front differential, or lock both differentials for the ultimate rock-crawling grip. Functional LED lighting system lets you blaze trails even at night!



**Waterproof!  
EVX-2  
EQUIPPED**

2  
Skill Level

**TQ4**  
TOP QUALIFIER

TRAC38\*\* Summit RTR.....Now \$514.98



Two 7-Cell Battery Packs Included!

Ready-To-Race

## E-REVO

BRUSHLESS EDITION

**BUILT FOR BRUSHLESS**

Built from the start for extreme brushless horsepower, E-Revo is now available factory-equipped with the Castle™ Creations Mamba Monster brushless power system. The driveline is engineered to endure the kind of horsepower and punishment that's possible with today's motor and battery technology, and E-Revo has been tested tough for durability with brutal 6S LiPo power. A separate motor plate is used for a clean, low-slung single motor installation, and 17mm splined hex hubs are included for total torque transfer. Add Traxxas' new TQ 2.4GHz radio system for crystal-free convenience to E-Revo's long list of standard features, and you've got the wildest ride in all of monster trucking.

The driveline is engineered to endure the kind of horsepower and punishment that's possible with today's motor and battery technology, and E-Revo has been tested tough for durability with brutal 6S LiPo power. A separate motor plate is used for a clean, low-slung single motor installation, and 17mm splined hex hubs are included for total torque transfer. Add Traxxas' new TQ 2.4GHz radio system for crystal-free convenience to E-Revo's long list of standard features, and you've got the wildest ride in all of monster trucking.

The driveline is engineered to endure the kind of horsepower and punishment that's possible with today's motor and battery technology, and E-Revo has been tested tough for durability with brutal 6S LiPo power. A separate motor plate is used for a clean, low-slung single motor installation, and 17mm splined hex hubs are included for total torque transfer. Add Traxxas' new TQ 2.4GHz radio system for crystal-free convenience to E-Revo's long list of standard features, and you've got the wildest ride in all of monster trucking.

The driveline is engineered to endure the kind of horsepower and punishment that's possible with today's motor and battery technology, and E-Revo has been tested tough for durability with brutal 6S LiPo power. A separate motor plate is used for a clean, low-slung single motor installation, and 17mm splined hex hubs are included for total torque transfer. Add Traxxas' new TQ 2.4GHz radio system for crystal-free convenience to E-Revo's long list of standard features, and you've got the wildest ride in all of monster trucking.

The driveline is engineered to endure the kind of horsepower and punishment that's possible with today's motor and battery technology, and E-Revo has been tested tough for durability with brutal 6S LiPo power. A separate motor plate is used for a clean, low-slung single motor installation, and 17mm splined hex hubs are included for total torque transfer. Add Traxxas' new TQ 2.4GHz radio system for crystal-free convenience to E-Revo's long list of standard features, and you've got the wildest ride in all of monster trucking.

The driveline is engineered to endure the kind of horsepower and punishment that's possible with today's motor and battery technology, and E-Revo has been tested tough for durability with brutal 6S LiPo power. A separate motor plate is used for a clean, low-slung single motor installation, and 17mm splined hex hubs are included for total torque transfer. Add Traxxas' new TQ 2.4GHz radio system for crystal-free convenience to E-Revo's long list of standard features, and you've got the wildest ride in all of monster trucking.

The driveline is engineered to endure the kind of horsepower and punishment that's possible with today's motor and battery technology, and E-Revo has been tested tough for durability with brutal 6S LiPo power. A separate motor plate is used for a clean, low-slung single motor installation, and 17mm splined hex hubs are included for total torque transfer. Add Traxxas' new TQ 2.4GHz radio system for crystal-free convenience to E-Revo's long list of standard features, and you've got the wildest ride in all of monster trucking.

The driveline is engineered to endure the kind of horsepower and punishment that's possible with today's motor and battery technology, and E-Revo has been tested tough for durability with brutal 6S LiPo power. A separate motor plate is used for a clean, low-slung single motor installation, and 17mm splined hex hubs are included for total torque transfer. Add Traxxas' new TQ 2.4GHz radio system for crystal-free convenience to E-Revo's long list of standard features, and you've got the wildest ride in all of monster trucking.

The driveline is engineered to endure the kind of horsepower and punishment that's possible with today's motor and battery technology, and E-Revo has been tested tough for durability with brutal 6S LiPo power. A separate motor plate is used for a clean, low-slung single motor installation, and 17mm splined hex hubs are included for total torque transfer. Add Traxxas' new TQ 2.4GHz radio system for crystal-free convenience to E-Revo's long list of standard features, and you've got the wildest ride in all of monster trucking.

TRAD03\*\* E-Revo Brushless Edition (Mamba Monster) RTR.....Now \$669.99  
TRAC07\*\* E-Revo Brushed (Twin Titan 550 motors) RTR.....Now \$449.97



**MAMBA  
MONSTER**

5  
Skill Level  
**65+  
mph**  
with 6S 20C LiPo

## Exclusive Features ONLY From TRAXXAS

### Waterproof Electronics

Only Traxxas equips select models with waterproof electronics that give you the freedom to drive where you want to drive through water, mud, snow, and other wet-running conditions that are off-limits for other R/C vehicles. The Traxxas Slash,™ E-Maxx® and E-Revo® all feature waterproof, high-torque digital 2075 servos and high-frequency XL-5™ and EVX-2™ electronic speed controls, and the receivers are kept safe from dirt, water and mud in o-ring sealed compartments. Patent pending design also allows aftermarket radio systems to be used.

### Exclusive Training Mode

Traxxas' exclusive patent-pending Training Mode™ let's everyone get in on the racing action. Just press a button to limit full-throttle power to 50%. This allows young or new drivers to safely develop their control skills before unlocking full power, making Traxxas' high-performance vehicles perfect for drivers of all experience levels. Training Mode even makes it easy to hand the transmitter over to your friends who have never driven a radio controlled truck before.

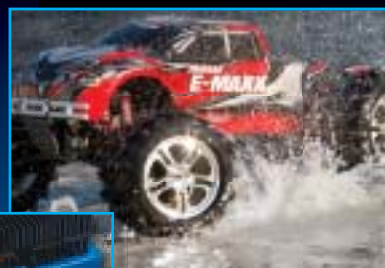
### Unmatched Customer Support



Unparalleled Traxxas support comes standard with every Traxxas model. Traxxas offers the most extensive product support base in the industry and provides unrivaled parts availability. Traxxas has friendly toll-free phone support that's available from 8:30am to 9pm Central Standard Time weekdays. Just call 1-888-TRAXXAS or e-mail support@traxxas.com. Traxxas' goal is for you to experience total performance and satisfaction, not just with the product, but also the company that stands behind it.

### EZ-Start Electric Starting

The EZ-Start™ Electric Starting System is an exclusive feature on all Traxxas nitro vehicles. Just push the button to start the engine! Only the Traxxas EZ-Start offers the pure convenience and safety of true one-handed operation and complete on-board, push-button electric starting. Traxxas' exclusive Smart Start® technology monitors critical starting functions, automatically sensing and diagnosing potential problems for trouble-free engine starting every time!



**The fastest,  
easiest way to  
get started!**



# TRAXXAS Beyond Limits 70+mph

## Velineon EXTREME BRUSHLESS POWER SYSTEM

The next generation of Extreme Brushless Horsepower is here, Ready-To-Race from Traxxas and now waterproof for all-weather driving excitement! Velineon™ is the only name you need to know to achieve the tire-melting horsepower and supercharged speed you expect from brushless. Best of all, it's brushless done the Traxxas way: wicked fast and easy to use. Just plug it in and it works. With speed potential that reaches beyond 65mph, Velineon is the new face of brushless performance. Nothing else even comes close.



**Velineon 3500  
Brushless Motor**

The key to the Velineon's extreme power output is total system optimization. All of the components are carefully engineered to work seamlessly together. From the all-new Traxxas High-Current Battery Connector, to the powerful Velineon 3500 brushless motor, all parts of the system are optimized to eliminate restriction and allow maximum power flow. High-frequency transistors and advanced circuit design deliver incredibly smooth and refined throttle control. The Velineon VXL-3s simplifies brushless technology with easy operation that gives you all the control you need for maximum fun. Quickly choose from three drive profiles including Sport, Race, and patent-pending Training Mode.™

TRAC3349 Velineon Extreme Brushless Power System ..... Now \$159.99



**Waterproof!**



**THE FASTEST RTR  
ELECTRIC STADIUM  
TRUCK YOU CAN BUY!**

The Rustler™ VXL combines Velineon™ extreme brushless horsepower and waterproof electronics with the proven fun and durability that have made Rustler the number-one selling electric stadium racer. The new Velineon Brushless Power System launches Rustler VXL to new heights with speed potential that reaches beyond 70mph! Hardcore, wheel-standing acceleration completely blows everything else away. New VXL features include 5x11mm ball bearings on the axles, full hex hardware, steel tranny gears, and a powerful digital high-torque steering servo. Assembled Ready-To-Race® model includes TQ-radio system, Velineon brushless power system, battery pack, charger, and painted and trimmed body with bolt-on wing.

**7-Cell Battery  
Included!  
With FREE AC  
Charger!**



**Waterproof!**

**45+  
mph**

with 7-Cell NiMH battery

**5  
Skill Level**

**70+  
mph**

with 3S 20C LiPo battery

See chart for more info on speed and skill levels.

TRAC88\*\* Rustler VXL RTR ..... Now \$289.98

## Velineon EXTREME BRUSHLESS POWER SYSTEM

	35+mph 26/76	45+mph 28/76	65+mph 33/76	70mph & Beyond 33/76
Bandit VXL				
Rustler VXL	35+mph 25/83	45+mph 28/83	65+mph 31/76	70mph & Beyond 31/76
Stampede VXL	30+mph 19/86	40+mph 25/86	60+mph 26/86	65mph & Beyond 30/83
*Battery	6-Cell NiMH	7-Cell NiMH	3S 20C LiPo	3S 20C LiPo
*Nominal Voltage	7.2V	8.4V	11.1V	11.1V
*mAh	3000+ mAh	4000+ mAh	4000+ mAh	8000+ mAh
*Skill Level	1	2	5	5

## Traxxas High-Current Connector

The quest for ultimate speed began with the battery connector. As today's batteries store more and more energy inside their cells, traditional battery connectors became a roadblock, unable to deliver all the energy the battery is capable of producing. The new Traxxas High-Current Connector and Maxx™ Cable 12-gauge wire opens the door for unrestricted current flow.

TRAC3060 Traxxas HC Connector (Male/Female) ..... Now \$4.09

TRAC3060 Traxxas HC Connector (Female 2) ..... Now \$4.59

TRAC3029 Plug Adapter Power Charger ..... Now \$2.00

# TRAXXAS ELECTRIC POWER

**Waterproof!**

Three Throttle Profiles Including Training Mode™ (patent-pending)

## XL-5

### Electronic Speed Control

The Traxxas XL-5 Electronic Speed Control provides smooth and consistent throttle control for the enthusiast who wants to extract the most from their mild modified and stock motors. The XL-5 features EZ-Set™ push-button setup, three throttle profiles including Training Mode™, 4-8 cell compatibility, and thermal shutdown protection. High-frequency operation and ultra-low resistance make the XL-5 an efficient, ultra-smooth fully proportional ESC.

TRAM3028 Waterproof XL-5 Forward / Reverse / Brake ESC ..... Now \$54.99



## XL-10

Electronic Speed Control

Traxxas' XL-10 ESC, the muscle car of speed controls, features a powerful 10-turn motor limit, three drive profiles, thermal shutdown protection, and EZ-Set™ push-button setup.

TRAM3016 XL-10 7.2V Forward / Reverse / Brake ESC ..... Now \$59.99

The proven XL-1 electronic speed control puts the full-power, digitally proportional FWD/REV throttle control at your fingertips. The XL-1 is backed by the Traxxas Lifetime Electronics Warranty.



TRAM3006 XL-1 ESC w/Reverse ..... Now \$39.99

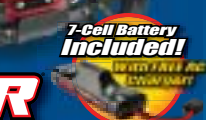


## Ready-To-Race RUSTLER

**#1 SELLING RTR  
STADIUM TRUCK!**

Now fully equipped with waterproof electronics for all-season fun, Rustler™ redefines performance in an RTR electric stadium racer. Rustler sports a hot look and serious performance with a Titan 12-Turn 550 modified motor; high-current, ultra-efficient XL-5™ ESC; Revo-Spec Torque-Control™ slipper clutch; and intense new body graphics. Rustler comes factory assembled, with a pre-cut, painted ProGraphix™ body, battery pack, charger, TQ™ pistol radio, universal driveshafts, and oil-filled Ultra shocks with X-ring technology. The fully proportional forward/reverse XL-5 features three drive profiles: Sport, Race, and new Training Mode™ which limits full throttle to 50% power for new or young drivers. Alias tires mounted on 2.8" chrome rims deliver superb traction.

TRAC14\*\* Rustler XL-5 RTR ..... Now \$169.98



**12.1 Motor**



**Waterproof!  
XL-5  
EQUIPPED**

**35+  
mph**



## Ready-To-Drive STAMPEDE

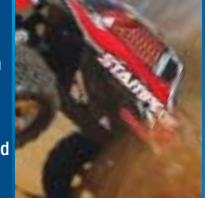
**MONSTER ROCK-  
CRUSHING TORQUE!**

The high-riding Stampede™ is everyone's favorite 1/10 2WD electric monster—and now it's waterproof for all-terrain fun even in water, mud, and snow! The Stampede's Titan 12-turn modified 550 motor and high-power XL-5™ FWD/REV ESC give this monster machine rock-crushing torque and wheelie popping power! The XL-5 offers smooth, high-frequency control, and 3 drive profiles (Sport, Race, and Training Modes). 4-inch ground clearance, glued Talon 2.8" tires, and high-volume oil-filled Ultra Shocks™ keep Stampede in control as it drives over rocks, ruts, and other trucks. The tough, Magnum 272™ tranny features a new Torque-Control™ slipper for traction control. Stampede comes assembled and includes a stunning painted and trimmed ProGraphix™ body, battery, charger, XL-5 ESC, and a TQ™ radio.

TRAC23\*\* Stampede XL-5 RTR ..... Now \$159.99



**12.1 Motor**



**Waterproof!  
XL-5  
EQUIPPED**

**30+  
mph**

\*Using included 7-cell battery and included optional 28-tooth pinion gear for Rustler; 23-tooth pinion gear for Stampede, or 31-tooth pinion gear for Bandit.



**GETTING STARTED IS EASY!** Traxxas electric models come fully assembled, Ready-To-Race®, and include a battery pack and an installed Traxxas TQ pistol transmitter system. Each RTR model comes with a fully painted and trimmed ProGraphix® body. All are equipped with the Traxxas High-Current Connector.



Ready-To-Drive

## STAMPEDE VXL

THE WORLD'S MOST EXTREME MONSTER TRUCK!

Stampede® has always been the first name in monster truck fun, but with new waterproof electronics and Velineon brushless power on board, the ground-pounding, high-speed wheelie popping antics are completely over-the-top. The included wheelie bar keeps the altitude in check. Features include 5x11mm ball bearings on the axles, full hex hardware, steel tranny gears, and a powerful digital high-torque steering servo. Assembled Ready-To-Drive® model includes TQ-radio system, Velineon brushless power system, battery, charger, and painted and trimmed body. A top speed of over 65mph lets you explore the outer limits of what's possible with brushless. Tough and unbelievably fast, Stampede is the ultimate play truck that's always at hand, ready for instant R/C fun.

7-Cell Battery Included!  
With FREE AC Charger!



2 Skill Level 40+ mph

with 7-Cell NiMH battery

5 Skill Level 65+ mph

with 3S 20C LiPo battery  
See chart for more info on speed and skill levels.

TRAC87\*\* Stampede VXL RTR .....Now \$289.98



Ready-To-Race

## BANDIT VXL

THE FASTEST RTR ELECTRIC BUGGY AVAILABLE!

The new Velineon® Brushless Power System accelerates Bandit VXL into the stratosphere with jet-like thrust and incredible 70+mph top speed! The Bandit VXL is a low-slung, lightweight speed machine that's rocket fast on pavement and rips incredible roost off-road—even in water, mud, and snow, thanks to new waterproof electronics! Standard VXL features include 5x11mm ball bearings on the axles, full hex hardware, steel tranny gears, and a powerful digital high-torque steering servo. Sinister black chrome Tracer™ wheels carry 2.2" Alias® performance tires. Assembled Ready-To-Race® model includes TQ-radio system, Velineon brushless power system, battery pack, charger, and painted and trimmed body.

7-Cell Battery Included!  
With FREE AC Charger!



2 Skill Level 45+ mph

with 7-Cell NiMH battery

5 Skill Level 70+ mph

with 3S 20C LiPo battery  
See chart for more info on speed and skill levels.

TRAC86\*\* Bandit VXL RTR .....Now \$249.99

## Traxxas Skill Level Guide



No previous experience with radio controlled models is required.



Previous experience with radio controlled models is recommended.



These models are capable of high speeds, requiring experienced driving control.



These models are capable of very high speeds, require an even higher level of skilled driving control, and have sophisticated performance features that are better handled by experienced operators.



For Expert Drivers Only. This product is capable of extreme speed and acceleration! It carries our highest skill level rating and is intended for expert drivers only. Experience with radio controlled models is required!

NOTE: Electric models require 6 AA batteries for the radio sold separately. Except where noted, all speeds verified by Traxxas using calibrated radar, and stock Traxxas motors.



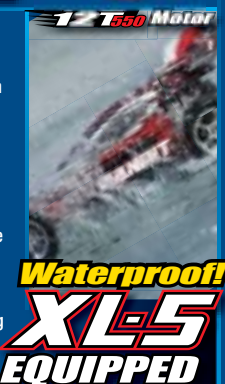
Ready-To-Race

## BANDIT

EXTREME SPORTS BUGGY!

The ultimate Extreme Sports Buggy™ is now waterproof, for all-out buggy fun even in water, mud, and snow! Loaded with a powerful Titan® 12-Turn modified motor and fully proportional XL-5 Electronic Speed Control, Bandit rips massive rooster tails, soars over giant jumps, and screams at speeds over 35mph.\* Bandit lays down the power for pure performance and excitement at every turn, and looks great doing it with a sleek new body and wing. All new Tracer™ chrome wheels mount industry-standard 2.2" Alias® racing tires for aggressive bite and sure-footed handling. The all-new Revo®-Spec Torque-Control™ slipper provides sophisticated and reliable traction control. Bandit is built Traxxas Tough™ and is Ready-To-Race™ to keep you off the workbench and deep in the fun zone.

7-Cell Battery Included!  
With FREE AC Charger!



1 Skill Level 35+ mph

TRAC05\*\* Bandit Extreme Sports XL-5 RTR .....Now \$159.99



Ready-To-Drive

## E-MAXX

THE ULTIMATE ELECTRIC 4X4 MAXX MONSTER!

The new Traxxas E-Maxx takes 4WD monster truck thrashing to the next level of fun and excitement. To go along with the 16.8-volt EVX-2 dual Titan® 550 motor power system, key improvements have been engineered into the suspension, driveline, chassis, and electronics to make this the toughest, most versatile E-Maxx ever. The E-Maxx is equipped with Revo®-Spec sealed pivot ball suspension; dual-servo steering; an all-new transmission; Revo®-Spec sealed differentials; a new, longer chassis; and waterproof electronics. E-Maxx is equipped with a new brushless-ready transmission that's been engineered to handle nearly 2 1/2 times more torque than the original, and yet do it in a more compact package. Extra-wide gears, smart use of steel components, and the Revo®-Spec Torque-Control™ slipper all combine for the strength needed to handle the extreme power and torque that's possible with today's battery and motor technology. Everywhere you look on E-Maxx Traxxas engineers have thoughtfully integrated new enhancements and features that make E-Maxx stronger, easier to use and more fun!

Brushless Ready

Two 7-Cell Battery Packs Included!

2 Skill Level 30+ mph

TRAC92\*\* E-Maxx RTR .....Now \$359.97

## EVX-2 EQUIPPED Electronic Speed Control

Three Throttle Profiles Including Training Mode™ (patent-pending)



### Waterproof Electronics!

The EVX-2 delivers an incredible 16-plus volts, from two battery packs, making 16.8-volt, twin-motor setups more powerful than ever! Designed by Traxxas, the EVX-2 features a completely waterproof design, three drive profiles, Thermal Shutdown Protection, and gold-plated high-current battery connectors. The EVX-2 also includes patent-pending Training Mode™. This profile reduces the overall power output of the EVX-2 by 50% making it easier for young/new drivers to develop their control skills before unleashing full-power operation.

TRAM3019 EVX-2 ESC.....\$114.99



## TRX 3.3 RACING ENGINE



**EZ-START**  
The fastest, easiest way to get started!

### EZ-Start Electric Starting

The EZ-Start® Electric Starting System is an exclusive feature on all Traxxas nitro vehicles. Just push the button to start the engine! Only the Traxxas EZ-Start offers the pure convenience and safety of true one-handed operation and complete on-board, push-button electric starting. Traxxas' exclusive Smart Start™ technology monitors critical starting functions, automatically sensing and diagnosing potential problems for trouble-free engine starting every time!

TRAP5271 EZ-Start® 2 Electric

Starting System ..... Now \$41.99

### All Nitro Models Now Have

**\$50 of Premium Accessories Included!**  
EZ-Start Battery and Charger.

- Fuel Bottle
- Precision Tools
- Extra Glow Plug

\*Actual Tools Vary With Model. MS1288

NOTE: Most Traxxas nitro models require glow fuel and 8 or 12 "AA" batteries. Traxxas recommends the use of Traxxas Top Fuel Power Plus®. Except where noted, all speeds verified by Traxxas using calibrated radar.

**FOR EXPERT DRIVERS ONLY** Some models powered by the TRX 3.3 Racing Engine are capable of extreme speed and acceleration! They carry Traxxas' highest skill level rating (5) and are intended for expert drivers only.



Ready-To-Race

**T-MAXX 3.3**

**\$50 of Premium Accessories Included!**  
See Left Column For Details

### EXTREME POWER! THE MOST POWERFUL T-MAXX EVER MADE!

T-Maxx® 3.3 is the ultimate, most powerful Maxx® ever built. It's for the experienced Maxx enthusiast that knows no boundaries and simply can't get enough wheels-up, rock-crushing horsepower. Just how powerful is the new T-Maxx 3.3? The wheelie bar is mandatory installed equipment! The TRX® 3.3 delivers wicked bottom-end torque for amazing launches, along with rocket-fast acceleration that is second to none. Top speeds soar past 45mph! The T-Maxx 3.3 is without question the most powerful T-Maxx ever made! Full Revo®-Spec driveline and upgraded components also make it the toughest Maxx ever. It's Maxx fun, powered by Traxxas! Fully assembled, Ready-To-Race®, with TQ-3 radio system, fuel filler bottle, precision tool set, extra glow plug, and extra air filter.

TRAC61\*\* Nitro T-Maxx 3.3 RTR w/3-Channel Radio ..... Now \$389.97



Ready-To-Drive

**REVO 3.3**

7 Time National Champion

**\$100 of Premium Accessories Included!**  
See Below For Details

### THE ULTIMATE NITRO MONSTER TRUCK

The new Revo 3.3 is packed with features to deliver peak performance, power, and convenience. The exclusive OptiDrive® system controls the heavy-duty reversing transmission for perfect shifting and smooth engagement every time. Dual waterproof steering servos provide 250 oz.-in. of muscle to turn the massive 6.3" Maxx tires, and new Geode™ chrome wheels add a full inch of width for surefooted handling and all-terrain traction. The 2.4GHz TQ radio system eliminates crystals for switch-on-and-drive convenience, and Revo 3.3 is Ready-To-Drive® with over \$100 worth of accessories. Rechargeable NiMH batteries for the receiver and EZ-Start system, a 500cc fuel bottle, extra glow plug, extra air filter elements, and specialty tools are included!

TRAC06\*\* Nitro Revo 3.3 RTR w/2.4GHz 3-Channel Radio ..... Now \$489.99

TRAC9414 Center Differential Kit Revo ..... Now \$34.99

TRAC9417 Adjustable Rear Brake Kit Revo ..... Now \$17.49

### EXTREME POWER



**Over \$100 of Premium Accessories Included!**

Fuel Bottle  
Extra Air Filter  
Precision Tools  
Extra Glow Plug

**EZ-START**

**45+ mph**  
Skill Level 4

# TRAXXAS EXTREME NITRO POWER

## ERP

The Traxxas Lifetime Engine Replacement Plan is an easy and affordable way to keep the engine performance factory-fresh and to protect the investment you've made in your Traxxas nitro model. Engines wear out over time and need to be rebuilt. Rebuilding engines from parts can be costly and time consuming. With the Traxxas Lifetime Engine Replacement plan, a worn out or damaged engine can be traded in for a brand-new, TRX Racing Engine right away by simply exchanging your worn engine at your local hobby shop. The cost is 1/2 of the retail price of the new replacement engine.



### Available TRX Engines

TRAG5210 TRX 2.5R Racing Engine IPS Shaft..... Now \$129.99

TRAG5407 TRX 3.3 IPS Shaft w/Recoil..... Now \$152.99

TRAG5409 TRX 3.3 Multi-Shaft w/Recoil..... Now \$152.99

TRAG5406 TRX 3.3 Multi-Shaft No Starter..... Now \$149.99

### Available TRX Pro.15 Engines

TRAG4007 TRX Pro.15 IPS Shaft w/Recoil PS ..... Now \$89.99

TRAG4004 TRX Pro.15 IPS Shaft..... Now \$84.99

TRAG4010 TRX Pro.15 Multi-Shaft w/Recoil PS ..... Now \$99.99

PS = pull starter \* Standard Traxxas RTR replacement engine



Ready-To-Race

**NITRO RUSTLER**

**\$50 of Premium Accessories Included!**  
See Left Column For Details

### HARD CHARGING!

The Nitro Rustler® delivers Ready-To-Race® performance right out of the box. Nitro Rustler is 50mph of intoxicating speed; explosive wheels-up acceleration; and intense driving excitement. Power from the award winning TRX® 2.5 Racing Engine is delivered through the Nitro Tough™ Magnum 281™ transmission. For maximum traction and instant acceleration, mirror-chrome 2.8" Twin-Spoke wheels wrapped in soft-compound Alias™ tires are the ideal combination for the backyard or the race track. The rigid 6061-T6 aluminum chassis and reliable drivetrain are built tough to handle the additional horsepower and keep maintenance to a minimum. Nitro Rustler delivers hard-charging action for the power-hungry enthusiast.

TRAC84\*\* Nitro Rustler RTR ..... Now \$309.99



Ready-To-Drive

**NITRO STAMPEDE**

**\$50 of Premium Accessories Included!**  
See Left Column For Details

### THE PIT BULL OF R/C TRUCKS!

Nitro Stampede® is one of the meanest, toughest, most ferocious R/C monster trucks ever created. Just fuel it and start it. Nitro Stampede feeds your hunger for brutal, rock-spitting, dirt-chewing, wheelie-blasting horsepower. A simple and safe push of a button on the EZ-Start®, and earth-shaking TRX® Pro.15 nitro power comes to life. The Magnum 375™ transmission has full ball bearings; truck-tough gears with easily adjusted gear ratios, and a slipper clutch to control traction. For superior control, Nitro Stampede is outfitted with all-terrain Talon™ tires mounted on mirror-chrome 2.8" All-Star™ wheels. Nitro Stampede is built ultra-rugged, giving you the confidence to tackle extreme terrain. It's made to handle the torture we know you'll put it through.

TRAC85\*\* Nitro Stampede RTR ..... Now \$269.99



**EZ-START**

**MONSTER WHEELIES!**  
All-Day Running!  
Skill Level 2



# EXTREME POWER



Ready-To-Race

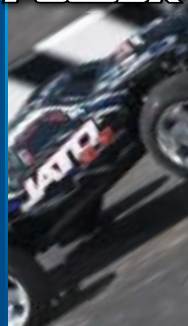
**JATO 3.3**

**\$50**  
of Premium  
Accessories  
Included!  
See Left Column  
For Details

**BRUTALLY FAST.  
0-60 IN 4.2 SECONDS!**

Jato® 3.3 is the ultimate street fighter. Its 65+mph top speed is much faster than most on-road cars, yet when the pavement turns to dirt, Jato 3.3's versatility allows it to keep going. Thanks to the huge power of the TRX® 3.3 Racing Engine Jato 3.3 boasts 0-60 in 4.2 seconds, a 65+mph top speed, and second gear wheelies! The included wheelie bar is mandatory equipment. This one is for experienced drivers only. The big sticky Anaconda™ 2.8" treads and adjustable sway bars give Jato 3.3 tight, streetwise reflexes that don't require a mirror-smooth race course. When the pavement ends, Jato just keeps going. Its race-truck heritage gives it superior off-road capability and class-leading suspension travel. Tons of factory accessories are available to fully customize the performance and appearance.

**EXTREME POWER**



**EZ-START**

**5**  
Skill Level  
**65+ mph**

TRAC83\*\* Nitro Jato 3.3 RTR .....Now \$389.97



Ready-To-Race

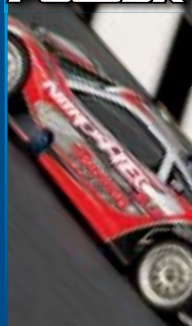
**NITRO 4-TEC 3.3**

**\$50**  
of Premium  
Accessories  
Included!  
See Left Column  
For Details

**SUPERCAR SPEED!  
0-60 IN 3.1 SECONDS!**

At 70+mph, Nitro 4-Tec 3.3 is simply the fastest, and most-powerful Ready-To-Race® model ever created. It's a must-have for experienced drivers looking to explore the fringes of their driving capabilities. When the Extreme Power of the TRX 3.3 Racing Engine is combined with the Nitro 4-Tec 3.3's road-hugging chassis a new breed of speed and performance is unveiled. 0-60 in 3.1 seconds and 70+mph sets a new benchmark for the original R/C supercar. Nitro 4-Tec 3.3 features a factory-installed blue-anodized aluminum pipe, full hex hardware, and a ball-bearing bellcrank steering system that tightens steering response. The three-belt drive system easily handles the extra speed and power. Amazing graphics highlight the lines on the sleek aerodynamic body.

**EXTREME POWER**



**EZ-START**

**5**  
Skill Level  
**70+ mph**

TRAC03\*\* Nitro 4-Tec 3.3 RTR .....Now \$359.99



- A new class of power: **EXTREME POWER**
- 60% more peak horsepower than the TRX 2.5.
- Nearly 50% more total power under the curve.
- Consistent and smooth throughout the entire power band.
- Straight-through exhaust flow.
- Large aluminum blue-anodized cooling head.
- Molded head protector protects the cooling head from damage and is securely fastened with screws.
- High-volume air filter does not restrict air intake.
- 100% drop-in compatibility with TRX 2.5 equipped models and backed by Traxxas Lifetime Engine Replacement Plan.

**Available TRX 3.3 Engines**

TRAG5407 TRX 3.3 IPS Shaft w/Recoil PS .....	Now \$152.99
TRAG5404 TRX 3.3 IPS Shaft .....	Now \$152.99
TRAG5409 TRX 3.3 Multi-Shaft w/Recoil PS .....	Now \$152.99
TRAG5406 TRX 3.3 Multi-Shaft .....	Now \$149.99

PS = pull starter NOTE: EZ-Start sold separately on single engines.

The Traxxas nitro models on this page come fully assembled and Ready-To-Race®. A Traxxas TQ 2-channel radio system (or 3-channel where applicable) is installed and adjusted.



Ready-To-Race

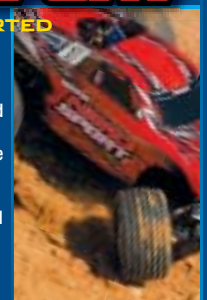
**NITRO SPORT**

**It's Easy To Get Started!**

**\$50**  
of Premium  
Accessories  
Included!  
See Left Column  
For Details

**IT'S EASY TO GET STARTED**

Making the jump to high-speed Nitro Power is easy with the new Traxxas Nitro Sport. Nitro Sport is fast, easy-to-use, and loaded with performance. The powerful TRX® Pro.15 engine, features a two-needle carb, EZ-Start® push button starting convenience with built-in diagnostics, and the power to push Nitro Sport beyond 38mph. Nitro Sport is Ready-To-Race with an aggressive new body design and blazing graphics, rubber-sealed bearings throughout, powder-coated white springs on grey Ultra Shocks™, and pre-glued tires on mirror-chrome wheels. Steering benefits from a precision, high-torque servo. The Magnum 272™ transmission with slipper clutch, disc brake, and telescoping driveshafts deliver smooth power. Experiencing the sound and power of real nitro has never been easier!



**EZ-START**

**2**  
Skill Level  
**38+ mph**

TRAC50\*\* Nitro Sport RTR .....Now \$249.99



Ready-To-Race

**T-MAXX**

**THE WORLD'S  
BEST-SELLING 1/10 SCALE  
NITRO MONSTER TRUCK!**

The T-Maxx® is the world's best-selling nitro truck! It's the original award-winning truck that changed R/C forever. Proven fun and performance with a great new look. Huge installed base of accessory support allows drivers to build the truck of their dreams. Back out of trouble by simply shifting between forward and reverse from the included 3-channel TQ-3 transmitter! The sealed, adjustable, auto-shifting two-speed tranny with reverse combines with the powerful TRX® 2.5 Racing Engine and tuned pipe for 40+mph top speed. Push-button electric starting from the Traxxas EZ-Start® System makes it a snap to start for pros and novices alike. It uses giant 5.75" x 3.5" tires and eight oil-filled Ultra Shocks™ for over 3.5" of plush travel. Simply put, nothing beats a T-Maxx!



**EZ-START**

**3**  
Skill Level  
**40+ mph**

TRAC54\*\* Nitro T-Maxx RTR w/3-Channel Radio .....Now \$354.99

**TOP FUEL**  
POWER PLUS

**The Only Fuel  
That is 100%  
Traxxas Certified.**

Traxxas utilizes the highest quality ingredients and sophisticated blending machines to make a superior-performing fuel. Saving a few pennies using lower grade ingredients or widening the blending tolerances with lesser machines just won't do when it comes to Top Fuel. Traxxas engines are precision machines built to exacting tolerances, and the fuel used in Traxxas engines must have the same intense requirements for quality and consistency. Only the absolute highest grades of methyl alcohol, nitromethane, and lubricants are used. Don't settle for less; use Traxxas Top Fuel Power Plus in your nitro model.

**Top Fuel®**

TRAP5010 Top Fuel 10% Quart .....	\$9.49
TRAP5020 Top Fuel 20% Quart .....	\$11.49
TRAP5030 Top Fuel 33% Racing Quart .....	\$14.29
TRAP5001 Top Fueler Fuel Bottle 500cc .....	✓ \$7.69

Ready-To-Race and Ready-To-Drive are registered trademarks of Traxxas.



# CARS & TRUCKS

## ASSOCIATED SHORT-COURSE RTRs

Go off-road in style with these Short-Course RTRs from Team Associated! 1/8 scale **SC8 Nitro 4WDs** offer drivers the unstoppable power of a Pro .28 engine w/Pro Start shaft start and an XPD-3 digital radio/10-model memory. Other features include a metal-gear, high-torque steering servo, hard-anodized shocks and six licensed body choices.

Based on the 6-time National Champion RC10T4 platform, 2WD electric **SC10s** include a 17T Reedy motor, a fwd/rev. ESC, an XP-2 pistol-grip radio, a dual-sided adjustable slipper clutch and more! See [www.towerhobbies.com](http://www.towerhobbies.com) for requirements.



80923

		RETAIL	TOWER
ASCD20**	80920 1/8 SC8 Race Truck Red Bull RTR.....	699.99	639.99
ASCD21**	80921 1/8 SC8 Race Truck Lucas Oil RTR.....	699.99	639.99
ASCD22**	80922 1/8 SC8 Race Truck KMC Wheels RTR.....	699.99	639.99
ASCD23**	80923 1/8 SC8 Race Truck Bully Dog RTR.....	699.99	639.99
ASCD24**	80924 1/8 SC8 Race Truck Team AE RTR.....	699.99	639.99
ASCD25**	80925 1/8 SC8 Race Truck Pro Comp RTR.....	699.99	639.99
ASCD26**	7026 1/10 SC10 Race Truck Lucas Oil RTR.....	369.99	229.99
ASCD28**	7028 1/10 SC10 Race Truck Pro Comp RTR.....	369.99	229.99
ASCD29**	7029 1/10 SC10 Race Truck Team AE RTR.....	369.99	229.99
ASCD30**	7030 1/10 SC10 Race Truck KMC Wheels RTR.....	369.99	229.99
ASCD31**	7031 1/10 SC10 Race Truck Bully Dog RTR.....	369.99	229.99
ASCD32**	7032 1/10 SC10 Race Truck Ready Lift RTR.....	369.99	229.99

## ASSOCIATED 1/8 SCALE MONSTER GT NITRO 4WD RTRs

Both GT RTRs come assembled, with a 3-channel radio, 8 oil shocks, full bearings and a 2-speed tranny with reverse. But while the **Monster 4.60 SE** has a .28 engine, AM radio, steel CVAs and 3-shoe clutch, the **Monster GT 8.0** opts for a .50 engine, digital FM radio, 4-shoe clutch and adds an Electric Pro-Start, glow starter and fuel bottle. Both require fuel and "AA" batteries.



20502

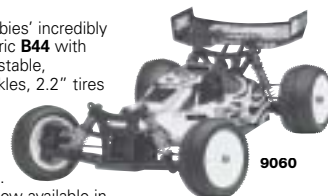
ASCC0389	20501 1/8 Monster GT 4.60 SE RTR.....	839.99	399.96
ASCC0392	20502 1/8 Monster GT 8.0 RTR.....	899.99	529.98

## ASSOCIATED KITS

Team Associated's most popular kits – Tower Hobbies' incredibly low prices! Buggy choices include the 4WD electric **B44** with Factory Team threaded aluminum shocks, an adjustable, dual-pad slipper clutch, anodized titanium turnbuckles, 2.2" tires and wheels, bearing-equipped steering and more!

Based on the successful RC8 platform, the **RC8T** nitro truggy features Free Float Caliper System brakes, big bore oil shocks, a fully adjustable suspension and rubber-sealed bearings.

Popular **SC8E** and **SC10** short-course racers are now available in feature-packed kit versions as well. See [www.towerhobbies.com](http://www.towerhobbies.com) for further details.



9060

ASCC0602	80902 Factory Team RC8B Kit.....	849.99	529.99
ASCC0611	80901 RC8E 4WD Buggy Kit.....	649.99	424.99
ASCC0910	80910 Factory Team RC8T Truggy Kit.....	999.99	599.99
ASCC0917	80911 1/8 RC8TE 4WD Electric Truggy Kit.....	669.99	429.99
ASCC0931	80931 SC8E 4WD Off-Road Truck Kit.....	689.99	409.99
ASCC2012	20102 1/18 RC18T Factory Team Kit.....	229.99	129.99
ASCC3005	30105 Factory Team TC5R Kit.....	629.99	364.99
ASCC4018	4018 Factory Team 12R5 Kit.....	359.99	219.99
ASCC7022	7022 RC10T4 Factory Team Truck Kit.....	389.99	234.99
ASCC7027	7027 SC10 2WD Race Truck Kit.....	299.99	179.99
ASCC8020	8020 Factory Team RC10R5 Kit.....	429.99	259.99
ASCC9035	9035 RC10B4 Factory Team Buggy Kit.....	379.99	224.99
ASCC9060	9060 Factory Team B44 Buggy Kit.....	549.99	324.99

## ASSOCIATED RTRs

Associated excellence – ready-to-run convenience! The **RC8 RS** buggy and the **RC8T RS** truggy are great choices for 1/8 scale nitro fans, while the

**Nitro TC3 Plus** touring car and the **RC10 GT2 RS** truck deliver explosive speeds to the 1/10 scale nitro scene! Popular 1/18 scale **electrics** include the **RC18** truggy, the **RC18MT** monster truck, the **RC18B** buggy and the **18R Kamino** rally car. Quiet, compact 1/10 scale **electrics**

range from the **B4RS** buggy to the **T4RS** truck to the **TC4** touring car! All include a radio, motor or engine and much, much more. See [www.towerhobbies.com](http://www.towerhobbies.com) for complete details.

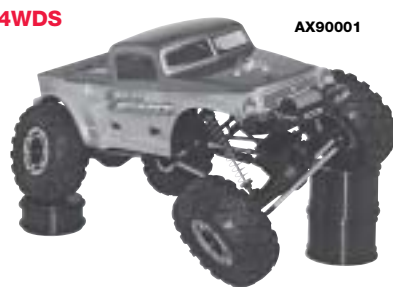


80905

ASCC0905	80905 RC8 RS RTR.....	1029.00	549.99
ASCC0915	80915 RC8T RS RTR.....	1029.99	599.99
ASCC2010	20100 1/18 RC18T RTR.....	279.99	174.99
ASCC2011	20110 1/18 RC18MT RTR.....	279.99	174.99
ASCC2015	20105 1/18 RC18B RTR.....	279.99	174.99
ASCC2042	2042 Nitro TC3 RTR Plus.....	559.99	334.99
ASCC2115	20115 1/18 18R Kamino RTR.....	289.99	159.99
ASCC3017	30111 TC4 Touring Car RTR.....	399.99	234.99
ASCC7024	7024 T4RS Race-Spec RTR.....	399.99	234.99
ASCC7092	7092 RC10 GT2 RS RTR.....	499.99	294.99
ASCC9037	9037 B4RS Race-Spec RTR.....	389.99	229.99

## AXIAL® AX10 SCORPION 4WDs

Get crawling in just 4-5 hours with the 1/10 scale **AX10 Kit** – or have the **ARTR** ready within an hour! The **AX10 RTC** comes ready-to-crawl with a 55T motor, a forward/reverse ESC and a 2-channel radio w/1 servo. All include an aluminum chassis, oil shocks and full bearings. See [www.towerhobbies.com](http://www.towerhobbies.com) for complete details.



AX90001

		RETAIL	TOWER
AXIC9001	AX90001 AX10 Scorpion Rock Crawler Kit.....	400.00	219.99
AXIC9004	AX90004 AX10 Scorpion Rock Crawler ARTR.....	460.00	249.99
AXID11**	AX90011 AX10 Scorpion Rock Crawler RTC.....	485.00	269.99

## AXIAL® SCX10 4WD KIT

The trail-proven off-roader that's engineered for easy assembly and maintenance! Includes a rigid steel C-channel chassis that's tapered for increased articulation and realism, oil shocks w/dual rate springs and reservoirs, Pro-Line® Flat Iron tires w/foam inserts, beadlock wheels and full bearings. Requires a 2-channel radio w/1 standard servo, a 540/550-size motor, an ESC, a 6-cell NiCd/NiMH stick pack, charger and 8 "AA" batteries.



AXIC9007	AX90007 SCX10 4WD Truck Kit No Electrics.....	450.00	259.99
----------	---	--------	--------

## AXIAL AX10 SCORPION ROCK RACER 4WD RTR

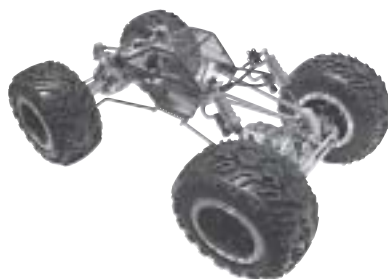
Features twice the stinging power of the original AX10! Features twin 0.10" aluminum side plates, a 27T 540/550 motor, an ESC w/reverse, a 2-channel radio w/1 high-torque servo, a three-link aluminum suspension, 2.2" Rock Lizard tires, full bearings and more! Requires a 6-cell NiCd/NiMH stick pack w/standard connector, charger and 8 "AA" batteries.



AXID02**	AX90002 AX10 Scorpion Rock Racer RTR.....	475.00	279.99
----------	---	--------	--------

## INTEGY 1/8 SC MONSTER CRAWLER PRO 4WD/4WS KIT

This Super Class Crawler is meant for experts – if you think you can handle it! Features a welded steel rollcage with matte black coating and clear plastic side inserts, large-volume, anodized aluminum shocks, a multi-link suspension, huge off-road climbing tires, 40-size beadlock wheels and more. Requires a 2-4 channel radio with 1-2 high-torque steering servos, motor, ESC and body.



INTC3155	MC01 Super Class Monster Crawler Pro Kit.....	599.99	509.99
----------	---	--------	--------

## INTEGY 1/8 SCALE SC IROCK 4WD RTR

Enjoy exceptional ease and crowd-pleasing performance with the ready-to-run iRock rock crawler! Includes a painted body, dual 540 motors, a 2-channel radio with high-torque steering servo, an ESC with reverse, threaded aluminum shocks, off-road tires, 40-size beadlock wheels, a 6-cell 2000mAh battery and charger. Requires 8 "AA" batteries.



INTC3256	AFA01 1/8 iROCK Rock Crawler RTR.....	299.99	299.99
----------	---------------------------------------	--------	--------

## MUGEN 1/8 SCALE MBX6 NITRO 4WD KITS

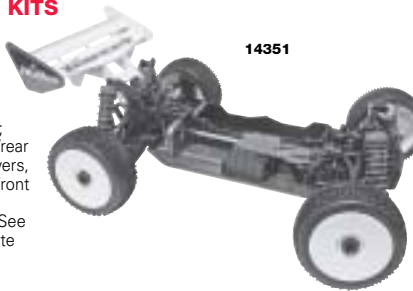
A nimble, low-CG design and plenty of performance pluses make the **MBX6 Buggy** the perfect off-road mud masher! Features threaded aluminum oil shocks, bellcrank steering, planetary gear diffs and a 120 cc fuel tank. The **MBX6T Truggy** boasts big bore shocks, new upright steering arms, Ackerman geometry, a 150 cc fuel tank and more! See [www.towerhobbies.com](http://www.towerhobbies.com) for requirements.



		RETAIL	TOWER
MUGC0058	E0060 1/8 MBX6T Truggy Kit.....	999.99	569.99
MUGC0059	E0050 1/8 MBX6 Buggy Kit.....	949.99	569.99

## OFNA 1/8 HYPER 9 4WD KITS

Enjoy unsurpassed speeds with the nitro **Hyper 9 Pro** – or explode onto the scene with the electric **Hyper 9 E!** Both Ofna off-roads feature an extremely low-CG design; threaded, hard-coated shocks; front/rear CNC-machined aluminum shock towers, 3 adjustable Ackerman positions, a front C-hub suspension, Pro-Line® Crime Fighter Tires, V2 wheels and more! See [www.towerhobbies.com](http://www.towerhobbies.com) for complete requirements.



OFNC4350	14350 1/8 Hyper 9 Pro Buggy Kit.....	899.95	499.99
OFNC4351	14351 1/8 Hyper 9 E Buggy Kit.....	799.95	449.99

## OFNA NITRO 4WD RTRs

Enjoy racing but hate building? These Ofna RTRs are what you want – and they're ready to roar right out of the box! All are assembled and include a radio, engine, an aluminum chassis, full bearings and oil shocks. Most include a tuned pipe w/header, a painted and trimmed body, glow plug and starter. Some even include a slide-valve carb, a double-wishbone suspension, big-bore shocks – even air and fuel filters! 1/8 scale choices include **Hyper 7** series and the **Ravager** buggies as well as truggies like the **Mutilator**. Other choices include the **1/7 Scale DM-1 Pro Sedan** touring car and the **1/12 Scale Hyper Mini ST** truggy. Check out [www.towerhobbies.com](http://www.towerhobbies.com) for more details.



OFNC1433	14331 1/8 Hyper ST Truggy RTR w/MacStar .28.....	899.95	489.99
OFNC1438	14333 1/8 Dirt Oval Hyper Sprint RTR.....	749.95	439.99
OFNC3413	34313 Truggy Mutilator Power Start .28 RTR.....	799.95	449.99
OFNC3432	34312 1/8 Ultra MBX Competition RTR.....	599.95	319.99
OFNC3444	34304 DM-1 Spec RTR M-Type .28 Force/PS.....	799.95	449.99
OFNC4309	34309 1/8 Ultra LX One RTR w/.28 Engine.....	499.95	279.99
OFNC4317	34317 1/8 Ultra GTP RTR .28 w/911 Body.....	599.95	349.99
OFNC4319	14319 1/8 Hyper 7 PBS RTR w/.28 Pull Start.....	699.95	399.99
OFNC4327	14326 1/8 Hyper 7 TQ Black RTR.....	549.95	299.99
OFNC4329	34319 1/8 Mutilator RTR .32.....	729.95	399.99
OFNC4334	34326-M 1/7 DM-1 Pro Sedan M-CLK RTR.....	799.95	449.99
OFNC4349	14349 1/8 Hyper 8.5X RTR w/MacStar .28.....	699.95	409.99
OFNC4614	14614 1/12 Hyper Mini ST Truggy RTR.....	589.95	319.99
OFNC4952	34952 1/8 Picco Off-Road Nitro Buggy RTR.....	594.95	319.99
OFNC4954	34954 1/8 9.5 KP Violator Buggy .32 RTR.....	729.95	399.99
OFNC4957	34957 1/8 Ravager .28 RTR.....	589.95	349.99

## OFNA NITRO 4WDs

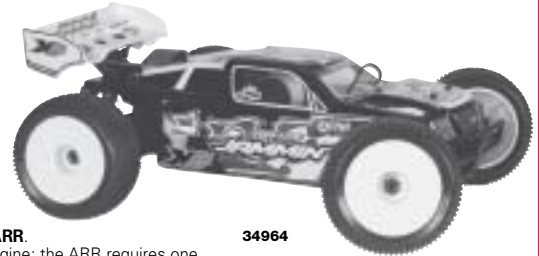
Common features of all Ofna 4WD nitro vehicles (such as the **1/8 Ultra GTP ARR**) include a durable aluminum chassis, oil shocks, disc brakes and more! Designed and tested by the HoBao International Racing Team, the **1/8 Hyper ST Pro Kit** boasts anodized aluminum big bore oil shocks, CNC-machined aluminum shock towers, a 3-shoe racing clutch, high-traction tires and six-spoke wheels. The 80% assembled, **1/8 Dirt Oval Sprint Kit** offers a design based on the popular Hyper 8.5 chassis! See [www.towerhobbies.com](http://www.towerhobbies.com) for complete details.



OFNC1434	14332 1/8 Hyper ST Pro Kit w/Spider.....	849.95	449.99
OFNC1437	14334 1/8 Dirt Oval Sprint Kit.....	599.95	349.99
OFNC3415	34315 1/8 Nitro Dirt Oval Kit.....	499.95	279.99
OFNC3416	34316 1/8 Ultra GTP Chassis ARR.....	299.95	199.99
OFNC3430	34302 1/8 Ultra MBX R2 Buggy 80% Prebuilt.....	399.95	199.99
OFNC3443	34303 DM-1 Spec 80% ARR w/PF8-GT Body.....	599.95	329.99
OFNC4612	14612 1/12 Hyper Mini ST EP Truggy ARR.....	299.95	199.99
OFNC4613	14613 1/12 Hyper Mini ST 80% Assembled ARR.....	399.95	284.99

## OFNA JAMMIN' NITRO 4WDs

1/8 Scale **X-2** choices include the **Pro Buggy** and **Pro Truggy Kits** as well as the painted and trimmed **Truggy RTR**. Other choices include the **1/12 Scale CRT.5 Pro ARR**. Both kits include an engine; the ARR requires one. See [www.towerhobbies.com](http://www.towerhobbies.com) for more details.



		RETAIL	TOWER
OFNC4958	34958 1/8 Jammin X-2 CR Pro Buggy Kit.....	1199.95	659.99
OFNC4964	34964 1/8 Jammin X-2 Pro Truggy Kit.....	1099.95	574.99
OFNC4965	34965 1/8 Jammin X-2 Truggy RTR.....	999.95	549.99
OFNC4970	34970 1/12 Jammin CRT.5 Mini Pro Truggy ARR.....	489.95	259.99

## RJ SPEED DIGGER ELECTRIC KITS

Blast onto the racing scene with these exciting electric kits from RJ Speed! Both include a fiberglass chassis, a clear Lexan® body, tires, gears and linkages. Each kit requires a 540-550 motor, a 2-channel radio with 1 servo, an ESC with reverse, a 6-cell NiCd/ NiMH stick pack and charger.



RJSC2015	2015 Digger Kit.....	125.99	104.99
RJSC2016	2016 Digger Truck Kit.....	125.99	104.99

## RJ SPEED NITRO KITS

Thanks to these assorted RJ Speed nitro racing kits, drag racing has never been so much fun – or so easy to enjoy! Choose from **Pro Stock**, **Pro Mod**, **Funny Car** and **Dragster** bodies. All include a fiberglass chassis, a clear Lexan® body, tires, gears and linkages. All require a .12-.18 engine and a 2-channel radio with 2 standard servos.



RJSC2101	2101 Nitro Pro Stock Kit.....	169.99	124.99
RJSC2102	2102 Nitro Funny Car Kit.....	169.99	124.99
RJSC2103	2103 Nitro Dragster Kit.....	169.99	124.99
RJSC2104	2104 Nitro Pro Mod Kit.....	169.99	124.99

## VENOM™ 1/8 SCALE GPV-1 RTR

Combining RTR simplicity with the features of a high-end motocross kit, the GPV-1 is one easy rider! It all starts with a compact, powerful Fireball 370 micro motor, and continues with an 18R micro ESC and 3-channel VR3T radio. There's also a low-CG fiberglass chassis, a painted body, a foam rubber rider figure, a 1200mAh NiMH battery and much, much more!



VNRC01**	0105 1/8 GPV-1 3-Channel RTR.....	339.99	229.99
----------	-----------------------------------	--------	--------

## VENOM™ CREEPER™ COMPETITION 4WD KITS

First-time crawlers will find the Creeper easy to drive – enthusiasts will enjoy the scale realism and innovative chassis design! Features a true, triangulated 4-link suspension with 70° of articulation and 40° of steering deflection; threaded shocks and Tru-Lok front/rear locking diffs. A VC Drive™ System sends power to Beadlock™ wheels and tires w/Memory Foam inserts. Choose from **Green** or **Red** bodies...and show the rocks who's boss!



VNRC8300	8300GR Creeper Competition Rock Crawler Kit Green.....	379.99	199.99
VNRC9900	8300RE Creeper Competition Rock Crawler Kit Red.....	379.99	199.99



# CAR & TRUCK ACCESSORIES



## FLASHPOINT™ INFRARED TEMPERATURE GAUGE

**It's fast, easy, accurate —  
and may help prevent costly damage!**

With FlashPoint, you don't have to *touch* a surface to find out how hot it is: just point, push a button and read the results in Fahrenheit or Celsius one second later. Its advanced infrared sensor ensures accurate readings from -27 to +428° F (-33 to +220° C), which makes it ideal for use on engines, sealing irons, motors, batteries and more. At 0.7" x 1.5" x 2.7" and 1.1 oz., it's easy to take along and use anywhere. Includes wrist strap, replaceable lithium battery and a 15-second auto-off timer. One year limited warranty.

**Just  
point and  
push!**



Stock #	Description	Retail	Tower
DTXP3100	FlashPoint Infrared Temperature Gauge	\$37.99	\$24.99

## PRECISION BEARINGS & BEARING SETS



**R/C'S #1 WAY TO  
FIGHT FRICTION!**

Wage war on friction and high bearing prices with affordable options from DuraTrax. DuraTrax offers complete sets for popular cars and trucks, as well as popular and hard-to-find sizes of standard and metric bearings and regular and flanged configurations. All bearings are permanently lubricated, with Teflon® seals that keep lubrication in — and dirt and moisture out. All (except stainless steel DTXC1555) feature tough, chrome-steel construction to prevent corrosion and rust. For more information, see [www.towerhobbies.com](http://www.towerhobbies.com).

Stock #	Description	Retail	Tower
DTXC1070	Clod Buster/Bullhead (20)	\$74.99	\$27.99
DTXC1074	Tamiya TL01 (24)	54.99	29.99
DTXC1096	Evader EXT (14)	29.99	21.99
DTXC1109	B3/T3 (17)	49.99	17.99
DTXC1113	Super Blackfoot/Nitro Hawk/Sledgehammer (12)	24.99	12.99
DTXC1118	RC10ST/GT/Team (17)	69.99	21.99
DTXC1200	TOWER Nitro ST-15 (14)	39.99	15.99

Stock #	Description	Retail	Tower
DTXC1325	Rustler/Stampede/Bandit (14)	\$34.99	\$19.99
DTXC1329	T-Maxx (29)	59.99	29.99
DTXC1403	1/8x5/16 Flanged (2)	8.99	3.99
DTXC1405	1/8x5/16 Flanged (10)	44.99	17.99
DTXC1417	3/16x5/16 Flanged (2)	8.99	4.99
DTXC1419	3/16x5/16 Flanged (10)	44.99	19.99
DTXC1423	3/16x3/8 (2)	7.99	3.99
DTXC1425	3/16x3/8 (10)	39.99	17.99
DTXC1433	1/4x3/8 Flanged (2)	10.99	5.99
DTXC1435	1/4x3/8 Flanged (10)	54.99	27.99
DTXC1503	3x6 (2)	7.99	3.99
DTXC1523	5x8 (2)	6.99	3.49
DTXC1525	5x8 (10)	34.99	12.99
DTXC1527	5x8 Flanged (2)	8.99	3.99
DTXC1535	5x10 (2)	4.99	2.99
DTXC1537	5x10 (10)	24.99	13.99
DTXC1541	5x10 Flanged (2)	6.99	3.99
DTXC1547	5x11 (2)	4.99	2.99
DTXC1549	5x11 (10)	24.99	12.99
DTXC1555	5x11 Stainless (10)	29.99	15.99
DTXC1561	6x10 (2)	6.99	3.99
DTXC1569	6x12 (2)	7.99	3.49
DTXC1571	6x12 (10)	39.99	14.99
DTXC1595	10x15 (2)	12.99	6.99
DTXC1597	12x18 (2)	12.99	8.99

## HOP-UPS FOR TRAXXAS® T-MAXX™ & E-MAXX™

They're ideal add-ons for their affordability and strength alone, but add crowd-pleasing style and color, too! Each replaces the factory-stock part with an upgrade made from light, tough aluminum alloys and anodized in Purple, Blue or Silver. There's the **Skid Plate Set** that replaces plastic with 3mm-thick 6065 T-6 aluminum. **Chassis Brace Sets** are 8mm thick (almost 1/3") for strength, but designed with lightening holes to hold weight in check. Show your true colors and strength with any or all of the upgrades listed here!



Traxxas®  
E-Maxx



Servo Guard  
Aluminum Blue



Skid Plate Set  
Aluminum F/R



Traxxas®  
T-Maxx

Stock #	Description	Retail	Tower
DTXC2574	Skid Plate Set Aluminum Front/Rear	\$49.99	\$32.99
DTXC2575	Skid Set Aluminum Front/Rear Blue	54.99	32.99
DTXC2576	Bumper Set Aluminum Front/Rear Blue	44.99	34.99
DTXC2702	Skid Plate Center Aluminum Blue	34.99	21.99
DTXC2710	Chassis Brace Set Silver	69.99	44.99
Stock #	Description	Retail	Tower
DTXC2711	Chassis Brace Set Blue	\$74.99	\$49.99
DTXC2716	HD Bumper Aluminum Solid Silver	34.99	27.99
DTXC2735	Bulkhead Brace Front/Rear Silver	49.99	39.99
DTXC2736	Bulkhead Brace Front/Rear Blue	49.99	29.99
DTXC2740	Servo Guard Aluminum Silver	37.99	22.99
DTXC2741	Servo Guard Aluminum Blue	39.99	24.99



DuraTrax®  
Evader EXB



Hub Carriers  
Aluminum  
Blue (2)



Shock Set Rear  
Assembled (2)



DuraTrax®  
Evader EXT

## HOP-UPS FOR DURATRAX® EVADER™ EXT & EXB

Aspiring off-roaders have made rugged, ready-to-run DuraTrax "EX" series machines their top choice in start-up rides. Both vehicles allow plenty of room for hopping-up to higher levels of performance and style! Anodized aluminum upgrades reduce weight, increase speed, and add a dash of dazzling color. See these parts and more in the listings at right.

Stock #	Description	Retail	Tower
DTXC1096	Bearing Set (14)	\$29.99	\$21.99
DTXC1423	Bearing Set 3/16x3/8 (2)	7.99	3.99
DTXC1535	Bearing Set 5x10 (2)	4.99	2.99
DTXC1547	Bearing Set 5x11 (2)	4.99	2.99
DTXC1595	Bearing Set 10x15 (2)	12.99	6.99
DTXC3000	Spur Gear 48P 78T	3.99	3.49
DTXC3010	Spur Gear 48P 86T	3.99	3.49
DTXC6182	Ball Cups Yellow (14)	7.99	7.29
DTXC6291	Battery Strap Yellow	2.49	2.29
DTXC6807	Bulkhead Aluminum Blue	44.99	37.99
DTXC6847	Bumper Front Blue	1.99	1.79
DTXC8031	Hub Carrier Front (2)	2.99	2.69
DTXC8032	Hub Carriers Alum Blue (2)	29.99	24.99
DTXC8071	Hub Rear Aluminum Blue (2)	29.99	24.99
DTXC8267	Motor Guard Blue	1.99	1.79
DTXC9004	Shock Set Rear Assembled (2)	17.99	15.49
DTXC9226	Shock Set Rear Blue (2)	19.99	19.99
DTXC9236	Shock Spring Rear Hard Green (2)	3.99	3.59
DTXC9315	Hard Anodized Light		
DTXC9360	Slipper Plate Set	19.99	16.99
DTXC9353	Trans Brace Rear Alum Blue	31.99	26.99
	Wheels Front Blue (2)	5.99	5.49

## CAR & TRUCK TOOLS

### ULTIMATE HEX DRIVER SET

- The size of the tip is engraved on the blue-anodized aluminum handle, which has a rubber cap on the end that pops off for storage.
- All feature replaceable hardened tool steel shafts with precision-ground tips for lasting service.
- Includes 1.5 mm, 2.0 mm, 2.5 mm and 3.0 mm sizes.



**\$29.99**  
DTXR0292 ✓

### ULTIMATE TOOL SET

- Includes 3 each of metric slotted and Phillips screwdrivers, 4 each of SAE and metric hex drivers, and an Ultimate Body Reamer — all in a zippered, notebook-style case.



**\$129.99**  
DTXR0400

**DURATRAX**

### ULTIMATE E-CLIP TOOL 1.5MM-5MM

- The quick and easy way to install and remove e-clips!
- Use with 1.5, 2.0, 2.5, 3.0, 4.0 and 5.0 mm size e-clips.
- Made of durable steel.
- Space-saving folding design.



**\$17.99**  
DTXR1107 ✓

### CLUTCH SHOE TOOL

- Removes and installs clutch shoes in just 3 easy steps.
- Works with the HPI Savage clutch and other aftermarket 2-, 3- and 4-shoe clutches.



**\$5.99**  
DTXR1110 ✓

### DELUXE CAR WRENCH

- Features threaded holes for up to 4 glow plugs and sockets for six hex nut sizes — including a 10 mm size for pilot shafts.



**\$4.99**  
DTXR1170 ✓

### PIT TECH™ THREADLOCKER

- Medium-strength, general purpose threadlocker.
- Removable formula locks fasteners against vibration.
- Contains 2 ounces.



**\$2.99**  
DTXR2010 ✓

Stock #	Description	Retail	Tower
DTX00100	Metric Phillips Head Screw Set.....	\$15.99	<b>\$10.99</b>
DTX00125	Metric Socket Head Screw Set.....	19.99	<b>13.99</b>
DTX00150	Metric Flat Head Screw Set.....	19.99	<b>13.99</b>
DTXR0179	Ultimate Slotted Screwdriver Set.....	34.99	<b>24.99</b>
DTXR0183	Ultimate Phillips Screwdriver Set.....	32.99	<b>21.99</b>
DTXR0185	Engine Tuning Screwdriver.....	5.99	<b>4.99</b>

Stock #	Description	Retail	Tower
DTXR0187	Engine Tuning Tool.....	\$12.99	<b>\$7.99</b>
DTXR0297	Ultimate Ball Driver Set (4).....	39.99	<b>29.99</b>
DTXR0300	Long Nose Pliers 6".....	10.99	<b>9.99</b>
DTXR0375	Precision Car Tool Metric w/Pouch (10).....	39.99	<b>27.99</b>
DTXR0380	Precision Car Tool Set SAE w/Pouch (10).....	39.99	<b>27.99</b>
DTXR0392	Ultimate Hex Driver Set SAE (4).....	44.99	<b>29.99</b>

Stock #	Description	Retail	Tower
DTXR1104	Flywheel Wrench.....	\$9.99	<b>\$6.99</b>
DTXR1105	Ultimate Flywheel Wrench.....	24.99	<b>14.99</b>
DTXR1145	Pit Tech Camber Gauge.....	8.99	<b>6.99</b>
DTXR1150	Body Scissors 5 1/2".....	11.99	<b>6.99</b>
DTXR1157	Ultimate Body Reamer.....	29.99	<b>19.99</b>
DTXR1175	Ultimate Car Wrench.....	11.99	<b>8.99</b>

### PIT TECH™ CAR STANDS

They're a convenience you can set up wherever you want and fold flat to fit in a tool-box or field bag. The top plate features rubber inserts that grip the chassis and rotates for easy access from all sides. Shock holes around the edge hold 'em upright and ready during rebuilds. Base parts tray holds tools, too. Choose **Deluxe** for 1/8 and 1/10 scale, or **Mini** for 1/16-1/20 scale models.



Stock #	Description	Retail	Tower
DTXC2361	Deluxe Mini Car Stand Blue.....	\$9.99	<b>\$7.99</b>
DTXC2370	Deluxe Car Stand Blue.....	15.99	<b>10.99</b>
DTXC2371	Deluxe Car Stand Orange.....	15.99	<b>10.99</b>
DTXC2372	Deluxe Car Stand Purple.....	15.99	<b>10.99</b>
DTXC2373	Deluxe Car Stand Green.....	15.99	<b>10.99</b>

### MICRO FAIL-SAFE

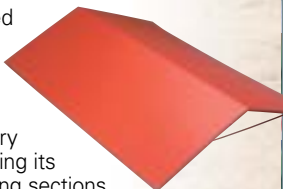
Ideal for gas or nitro vehicles, this 5g unit prevents control loss and runaways automatically. It installs between your throttle servo and receiver, and works with either 4.8V or 6.0V NiCd or NiMH batteries. Use your transmitter to select and set a throttle position, press a button...and the Fail-Safe is ready to use. When battery voltage drops below 3.8V or the signal is lost or interrupted, it immediately moves the throttle servo to the pre-set value to prevent a runaway. Red and green LEDs show when it's activated, and why. Includes SMT circuitry, attached universal connectors and mounting tape. 120-day limited warranty.



Stock #	Description	Retail	Tower	Dimensions: 0.9 x 0.7 x 0.2 in
DTXM4000	Micro Fail-Safe Unit.....	\$29.99	<b>\$19.99</b>	Weight: 0.2 oz (w/wires and connectors)

### KWIK RAMP™ PORTABLE JUMPS

These durable, corrugated plastic ramps set up in minutes and fold flat for easy storage. Big, 4' x 2' **Kwik Ramp** folds to 4' x 1' and lets you vary jump angle by repositioning its wire supports. Overlapping sections expand the ramp width to match your track width. Just 10" long and 12" wide, **Kwik Mini Ramp** stands 3" high — ideal for jumping.



■ Enjoy "air" anywhere with this portable ramp!

Stock #	Description	Retail	Tower
DTXC2374	Kwik Mini Ramp Portable Jump.....	\$9.99	<b>\$5.99</b>
DTXC2375	Kwik Ramp Portable Jump.....	17.99	<b>11.99</b>

### KWIK TRAK™ 7" RACING CONES

Turn any driveway or parking lot into an R/C race track with these durable cones! Attractively priced, these 7" tall bright orange polystyrene cones offer maximum visibility — without taking up too much room or obscuring your view of the action. They can also be used for other activities such as soccer and football, and more! Cones sold in sets of 6.



Stock #	Description	Retail	Tower
DTXC2377	Kwik Trak 7" Racing Cones (6).....	\$6.99	<b>\$5.49</b>



# CAR & TRUCK ACCESSORIES



## RACING CAR & TRUCK ACCESSORIES

As serious as you are about racing, Muchmore is just as serious about providing equipment that boosts your edge at the track. Use the **Race Helper** digital clock to get instant, accurate readings of temperature and humidity. Let the large LCD screen of the **True Weight 2** professional-quality digital scale make exact measurements a breeze. Aluminum **Touring Car Maintenance Stand** and **Buggy Maintenance Stand** hold vehicles 1.2" off the ground for easy wheel removal or suspension maintenance. **Luxury Aluminum Ride Height Gauges** measure 5.79" long and are available in black and blue.



Race Helper Clock  
Temp Humidity Blue



True Weight 2 Digital  
Scale Blue Black Lt

Stock #	Description	Retail	Tower	Stock #	Description	Retail	Tower
MMRC3281	Race Helper Clock Temp Humidity Blue..... ✓	49.99	39.99	MMRC3298	Off-Road Buggy Maintenance Stand Black... ✓	27.99	23.99
MMRC3284	True Weight 2 Digital Scale Blue Blk Lt..... ✓	54.99	44.99	MMRC3300	Luxury Alum Ride Height Gauge Black..... ✓	18.99	15.99
MMRC3295	Touring Car Maintenance Stand Black..... ✓	\$19.99	\$16.99	MMRC3301	Luxury Aluminum Ride Height Gauge Blue..... ✓	18.99	15.99



## TGX-1 TEMPERATURE GAUGE & STOPWATCH

It's more than a pro-quality, touch-free temperature monitor; it's also a pro-quality stopwatch and the only 2-in-one tool value with a backlit LCD, "Maximum Temperature" mode and the O'Conne sensor shield. That's the key to ensuring that readings are always made at the heart of the heat: the glow plug! It measures temps in degrees F or C, times laps to the nearest 0.01 second. Includes an embroidered belt pouch and long-life Lithium battery.



Stock #	Description	Retail	Now
ODOP9000	Infrared Temperature Gauge/Stop Watch..... ✓	\$59.99	\$39.99

## SPEED WASH™ CLEANER & O'LUBE™ KRYTECH™ DRY LUBRICANT

Acclaimed by veteran R/Cer Steve O'Donnell as "the best R/C cleaner you can buy!", **Speed Wash** (32 oz.) applies with or without water and contains 5 cleaning agents safe for use on titanium, aluminum, fiberglass, clear coat, stainless steel, chrome, rubber, plastic, vinyl and leather\*. Unique **O'Lube KryTech** (4 oz.) dries to a hard, waxy finish that seals out water and doesn't attract dust, dirt and grit — ideal for reducing friction and gear noise.



O'Lube  
KryTech  
Lubricant  
4oz



Speed Wash  
Nitro Car  
Cleaner 32oz

Stock #	Description	Retail	Now
ODOC8001	Speed Wash Nitro Car Cleaner 32oz	\$11.99	\$9.99
ODOC8006	O'Lube KryTech Lubricant 4oz.....	7.99	5.99

\*Speed Wash should not be applied in direct sunlight or on heated surfaces. Prolonged contact with plexiglass/polycarbonate should be avoided.

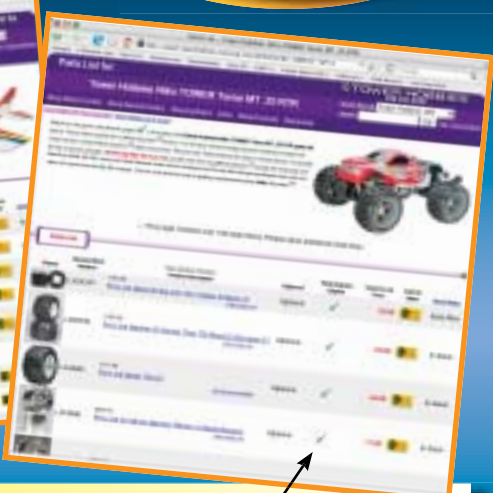
# R/C Parts Superstore

The Place to go for **LOW COST PARTS!**

<http://www.rcpartssuperstore.com>

**R/C Tower Hobbies  
PARTS  
Superstore**

- Replacement parts at reduced prices...*don't pay retail for parts again!*
- Access comprehensive listings of replacement parts for all popular R/C planes, cars, trucks, helis, boats and engines.
- Over 13,000 different parts in stock! Tower Hobbies has more parts available than any other R/C supplier!



Get replacement  
Parts for Less  
With Tower Hobbies®  
R/C Parts Superstore!



Watch for the green checkmark graphic (✓) throughout the various parts lists. These items qualify for our Parts Express™ service. You'll enjoy reduced shipping and handling charges for orders which contain Parts Express™ parts exclusively. Cut the cost of getting replacement parts with Parts Express™! See page 1.

## the original WORLD CHAMPION CERAMIC NITRIDE PRO SERIES™ BALL BEARINGS & DIFFERENTIAL BALLS

- \*Diamond polished super hard & super lite Silicon Nitride Ceramic Balls - 73% lighter than Carbide
  - \*HSR™ inner cage construction for low friction and high speed durability & stability
  - \*No contact precision cut dual seals for the greatest protection & lowest resistance
  - \*Engineered with model specific inner bearing tolerances
  - \*SIN™ synthetic lubed in a proprietary process ionically bonding SIN™ lightweight oil to the bearing
- ...THE SMOOTHEST, LIGHTEST, FASTEST, AND HARDEST BALLS IN THE INDUSTRY.

See the full line of ACER Racing products  
@ [www.towerhobbies.com](http://www.towerhobbies.com)

**NEW!**  
**SILVERWORM™** 12 AWG Silver Plated Copper Race Wire -  
the lowest resistance wire ever.

ARZC5505  
**\$15.99**



### ASSOCIATED CAR & TRUCK ACCESSORIES

It's every racer's dream: Team Associated technology at Tower Hobbies' competitive prices! Transform your RC18T or RC18MT into the ultimate heavy metal machine with the **Aluminum Upgrade Kit** (21240). Includes four threaded oil shocks, front/rear shock towers, dogbones, suspension arms and hardware – all made of 6061 T6 blue machined-anodized aluminum. Associated's many choices for the TC5 include the **Factory Team ITF Chassis** (31140) and the **Factory Team One-Way Kit** (31176). Check out [www.towerhobbies.com](http://www.towerhobbies.com) for complete product information.



21240

	RETAIL	TOWER
ASCC0031 21031 FT Aluminum Dogbones RC18T (2).....	8.99	8.59
ASCC0055 21055 FT Titanium Turnbuckle Set RC18T.....	29.99	26.29
ASCC0840 31140 Factory Team ITF Chassis TC5.....	69.99	58.99
ASCC0866 31166 Factory Team Diff Rebuild Kit TC5.....	10.99	10.29
ASCC0876 31176 Factory Team One-Way Kit TC5.....	54.99	45.99
ASCC0879 31179 Factory Team Spool Kit TC5.....	25.99	23.39
ASCC0881 31181 Factory Team Aluminum Outdrives TC5.....	26.99	24.29
ASCC0882 31182 Factory Team Aluminum Diff Kit TC5.....	59.99	49.99
ASCC0887 31187 Factory Team Front Belt TC5.....	10.99	10.29
ASCC0888 31188 Factory Team Rear Belt TC5.....	9.99	9.49
ASCC1056 21056 Titanium Turnbuckle Set 18R.....	29.99	26.99
ASCC1105 1105 Green Slime.....	2.50	2.39
ASCC1123 31123 VCS2 1/10 Shock Upgrade Kit.....	16.99	15.99
ASCC1240 21240 18T Aluminum Upgrade Kit.....	199.99	119.99
ASCC1267 21270 Factory Billet Kit 18B.....	199.99	124.99
ASCC1282 1282 Titanium Turnbuckle Kit Blue B4.....	25.00	22.59
ASCC1283 1283 Titanium Turnbuckle Set Blue T4.....	29.00	26.19
ASCC1766 1766 Lightweight Outdrive Set B4/GT.....	19.99	18.59
ASCC1779 1779 Aluminum Servo Mount Blue (2).....	15.99	14.99
ASCC1780 1780 Blue Aluminum Shock Bushing (4).....	5.99	5.69
ASCC1915 31215 Factory Team Steering Block Set TC5.....	5.99	5.69
ASCC1926 31226 Factory Team CVA Kit TC5.....	14.99	13.99
ASCC1938 31238 Factory Team CVA Bone Blade TC5.....	3.99	3.79
ASCC2126 21216 FT Front Alum Shock Kit Blue RC18.....	19.99	18.59
ASCC2127 21217 FT Rear Alum Shock Kit Blue RC18T.....	19.99	18.59
ASCC9796 25395 Optional Steering Kit Monster GT.....	79.99	59.99

### ASSOCIATED SILICONE FLUIDS

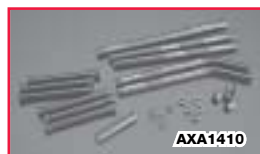
Keep your shocks lubed to perfection with **Silicone Shock Oil!** Available in formulas ranging from **10 Weight** to **80 Weight**, oil will not thin in hot weather or thicken in cold weather – ensuring year-round success. Clear, custom-blended **Silicone Diff Fluid** is also available in strengths ranging from **1000 cSt** through **10,000 cSt**. Both are sold in 2 fl. oz. bottles.



5423

	RETAIL	TOWER
ASCC8030 5430 Silicone Shock Fluid 45 Weight.....	3.50	3.39
ASCC8031 5431 Silicone Shock Fluid 55 Weight.....	3.50	3.39
ASCC8050 5450 Silicone Diff Fluid 1000 cSt.....	3.50	3.39
ASCC8051 5451 Silicone Diff Fluid 2000 cSt.....	3.50	3.39
ASCC8052 5452 Silicone Diff Fluid 3000 cSt.....	3.50	3.39
ASCC8053 5453 Silicone Diff Fluid 5000 cSt.....	3.50	3.39
ASCC8054 5454 Silicone Diff Fluid 7000 cSt.....	3.99	3.79
ASCC8055 5455 Silicone Diff Fluid 10000 cSt.....	3.99	3.79
ASCC8072 5420 Silicone Shock Oil 10 Weight 2 oz.....	3.50	3.39
ASCC8073 5421 Silicone Shock Oil 20 Weight 2 oz.....	3.50	3.39
ASCC8074 5422 Silicone Shock Oil 30 Weight 2 oz.....	3.50	3.39
ASCC8075 5423 Silicone Shock Oil 40 Weight 2 oz.....	3.50	3.39
ASCC8077 5425 Silicone Shock Oil 60 Weight 2 oz.....	3.50	3.39
ASCC8078 5427 Silicone Shock Oil 75 Weight 2 oz.....	3.50	3.39
ASCC8079 5428 Silicone Shock Oil 85 Weight 2 oz.....	3.50	3.39
ASCC8080 5429 Silicone Shock Oil 95 Weight 2 oz.....	3.50	3.39
ASCC8081 5435 Silicone Shock Oil 50 Weight 2 oz.....	3.50	3.39
ASCC8082 5436 Silicone Shock Oil 60 Weight 2 oz.....	3.50	3.39
ASCC8083 5437 Silicone Shock Oil 70 Weight 2 oz.....	3.50	3.39

### AXIAL® AX10 COLOR PACKS



AXA1410

Customize your AX10 Scorpion kit or RTR with these long-lasting, eye-catching 6061 aluminum upgrades! Available in **Red, Orange, Blue** and **Green** – all include rear high-clearance links.

AXIC1407	AXA1407 AX10 Color Pack Green.....	50.00	41.99
AXIC1408	AXA1408 AX10 Color Pack Red.....	50.00	41.99
AXIC1409	AXA1409 AX10 Color Pack Blue.....	50.00	41.99
AXIC1410	AXA1410 AX10 Color Pack Orange.....	50.00	41.99

### AXIAL® AX10 SCORPION ACCESSORIES

Hop up your AX10 Scorpion Rock Crawler with these exciting Axial accessories! Choices include the durable **Locked Axle Set** and **Locked Transmission Set**. The **Rear Steer Kit** includes virtually everything you need to enjoy greater maneuverability with your AX10, while angled, green **Threaded Aluminum Pipes** add strength and durability. The narrow **Bender Customs SWX Chassis Kit** provides just the right amount of suspension travel to stay stable on tough terrain!



AX30488

	RETAIL	TOWER
AXIC0122	AX30122 Alum Shock Bdy 12x55mm (2).....	35.00 29.99
AXIC0395	AX30395 HD Bevel Gear 38T.....	30.00 26.99
AXIC0414	AX30414 Scorpion Slipper Clutch.....	30.00 26.99
AXIC0421	AX30421 Straight Axle 6X104 50mm (2).....	15.00 17.99
AXIC0445	AX30445 Threaded Alum Pipe 6x101mm (2).....	15.00 13.99
AXIC0464	AX30464 Universal Set (2).....	35.00 29.99
AXIC0486	AX30486 Low CG Battery Plate.....	30.00 26.99
AXIC0492	AX30492 Rear Steer Kit.....	35.00 29.99
AXIC0494	AX30494 Aluminum Rear Axle Lockout (2).....	35.00 29.99
AXIC0500	AX30500 Heavy Duty Differential Locker (2).....	15.00 13.99
AXIC0506	AX30506 Bender Customs SWX Chassis Kit.....	120.00 99.99
AXIC3487	AX30487 Locked Transmission Set.....	50.00 41.99
AXIC3488	AX30488 Locked Axle.....	55.00 45.99
AXIC3805	AX80005 Linkage Set.....	6.50 6.19
AXIC3811	AX80011 Drive Shaft Set.....	10.00 9.39

### ESP HOBBY MANUFACTURING CAR & TRUCK ACCESSORIES

Turn your Tamiya Clodbuster into the incredible Rokzilla with the **Rock Crawler Conversion Kit!** Features an extra-long 15" aluminum ladder frame, a single-link 4-pivot suspension, a front axle servo mount, rear steering lockout, coil-over oil shocks and machined aluminum shock towers. Make your T-Maxx® all-weather ready with the aluminum **Snow Plow Kit** – all that's required are a high-torque servo, a servo saver and a Y-harness!



500

ESPC0016	ESP016 Snow Plow Kit T/E-Maxx.....	129.95	107.99
ESPC0500	500 Rokzilla Rock Crawler Conversion Kit.....	349.95	279.99



# CAR & TRUCK ACCESSORIES

## EAGLE TREE SYSTEMS R/C CAR DATA RECORDER V2

Keep record of your car's speed, rpm, temperature, glitches and more with the Car Data Recorder V2. Features opto-isolated servo monitoring, a built-in status LED and USB plug-and-play capability – just plug into your Windows® PC to instantly receive information! Includes an expansion port and a 1-year limited warranty.



ETRC9000	CDR-KIT R/C Car Data Recorder V2.....	RETAIL	TOWER
		149.99	134.99

## GOLDEN HORIZONS CAR & TRUCK ACCESSORIES

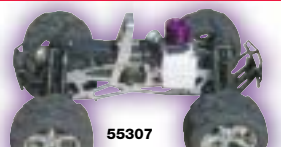
Precision-machined aluminum makes Golden Horizons' parts stronger and lighter than stock. Soup up your Savage™ with a **Hardened Spur Gear** (02082). Bulk up your Baja 5B with **Orange** or **Silver Aluminum Gear Boxes** (02649, 02650) or juice up your Jato™ with a pair of **Aluminum Front/Rear Lower Arms** (02155, 02157). Trick out your T-Maxx® with **Front/Rear Bulkheads** (02209-02212) or your E-Maxx® with the **Blue** (02579) or **Silver Steering Bellcrank** (02580).



GHC1050	02082 Spur Gear 49T Prpl Savage 21/25/28SS..✓	32.99	29.99
GHC1255	02155 Alum Fr Lwr Arms Blue Jato (2) 2.5/3.3..✓	22.99	20.69
GHC1257	02157 Alum Fr Lwr Arms Blue Jato (2) 2.5/3.3..✓	22.99	20.69
GHC2209	02209 Alum Fr Bkhd T-Maxx 2.5/3.3 Blue.....✓	34.99	29.99
GHC2210	02210 Alum Fr Bkhd T-Maxx 2.5/3.3 Silver.....✓	34.99	29.99
GHC2211	02211 Alum Fr Bkhd T-Maxx 2.5/3.3 Blue.....✓	34.99	29.99
GHC2212	02212 Alum Fr Bkhd T-Maxx 2.5/3.3 Silver.....✓	34.99	29.99
GHC2501	02501 Alum BB Steering Set Blue Tmaxx 3.3..✓	34.99	29.99
GHC2579	02579 Alum Steering Bellcrank Blue E-Maxx.....✓	34.99	29.99
GHC2580	02580 Alum Steering Bellcrank Silver E-Maxx.....✓	34.99	29.99
GHC2649	02649 Aluminum Gear Box Orange Baja 5B.....✓	144.99	119.99
GHC2650	02650 Aluminum Gear Box Silver Baja 5B.....✓	144.99	119.99

## HOT BODIES CAR & TRUCK ACCESSORIES

Turn any .21 or .25 Savage™ into the terrifying Truckzilla with the **Sport Conversion Kit**. Features two extra-long chassis plates, Fireball tires and chrome-finish UFO wheels. Requires engine, tuned pipe and clutch. **HD Mega Travel Drive Shafts** are yet another great Savage hop-up – Cyclone choices include the **Cyclone 12 Shock Set** and the silver **Aluminum Diff Cup Set**.



HBSC1695	61695 Cyclone 12 Shock Set.....✓	28.00	25.29
HBSC5537	55307 Truckzilla Sport Conversion Kit.....✓	190.00	119.99
HBSC6215	61215 HD Mega Travel Drive Shafts 4(4)✓	71.00	59.99
HBSC6332	61332 Aluminum Diff Cup Joint Set Cyclone.....✓	25.00	22.59

## HPI RACING® BAJA ACCESSORIES

Make sure your Baja *always* finishes first – just add these hot hop-ups and accessories! Get more punch off the line when you install the **High-Response Clutch Shoe/Spring Set**. Both are stronger and lighter than stock – and they're perfect for high-rpm racing. The fully assembled **VVC/HD Shock Set** for the Baja 5B is designed with variable damping, using the track's surface to determine their reaction time. The **Complete Alloy Diff Gear Set** arrives fully assembled, offering greater durability and long-lasting performance, while the high-torque **SFL-10 Metal-Gear Servo** delivers an impressive 347 oz.-in. torque and 0.16 sec/60° speed @ 6V.



HPI00089	B089 Ball Bearing 12x24x6mm Baja (2).....✓	12.00	11.19
HPI01006	Z106 E-Clip E-7HD Baja (20).....✓	6.00	5.79
HPI05084	80584 Metal Gear Conversion Set SFL-10 Baja.....✓	29.00	26.19
HPI1548	15484 High Response Clutch Shoe & Spring.....✓	49.00	37.99
HPI05246	85246 Engine Guard Baja 5T.....✓	8.00	8.59
HPI05247	85247 Stone Guard Baja 5T.....✓	16.00	16.79
HPI05400	85400 Front Suspension Arm Set Baja.....✓	18.00	16.79
HPI05402	85402 Rear Suspension Arm Set Baja.....✓	16.00	14.99
HPI05410	85410 Shock Parts Set Baja.....✓	17.00	15.99
HPI05416	85416 Rod End Set Baja.....✓	12.00	11.19
HPI05418	85418 Front Bulk Head Set Baja.....✓	23.00	20.79
HPI05420	85420 Bumper Set Baja.....✓	14.00	12.99
HPI05432	85432 Spur Gear 57T Baja.....✓	7.00	6.69
HPI05438	85438 Rear Shock Tower Set Baja.....✓	28.00	25.29
HPI05452	85452 Wing Set Black Baja 5B.....✓	12.00	11.19
HPI05463	85463 Steering Turnbuckle Set Baja.....✓	16.00	14.99
HPI05449	85449 Shock Shaft 6x15mm Baja (4).....✓	18.00	16.79
HPI05479	85479 Axle Boot 22x47mm Baja (4).....✓	7.00	6.59
HPI05610	85610 HD Drive Shaft 15x120mm Baja Slvr (2)✓	36.00	31.99
HPI06618	85618 Sway Bar Set Baja 5B.....✓	55.00	45.99
HPI06669	85669 Clutch Shoe/Spring Set.....✓	11.00	10.29
HPI08812	87562 VVC/HD Shock Set Baja (2).....✓	125.00	103.99
HPI08813	87563 Shock Repair Kit VVC/HD 127-187mm.....✓	48.00	39.99
HPI08818	87568 Complete Alloy Diff Gear Set Baja.....✓	120.00	99.99
HPI09585	2965 Flywheel Puller Baja.....✓	26.00	23.49
HPI09699	80589 SFL-10 Metal Gear Servo Baja.....✓	99.00	82.99

## HPI RACING® SAVAGE™ ACCESSORIES

Trick out your Savage with these assorted HPI accessories!

**3-Speed Transmissions** provide higher top speed and deliver more torque than stock. Available

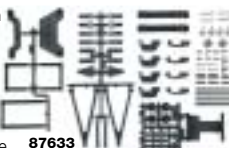
**Assembled** (87218), as an unassembled **Kit** (87220) and in another assembled version that's optimized for the **Savage X** and big blocks (87257). Constructed of machined billet aluminum, the **Suspension Conversion Set** (87245) lowers the roll center, improves steering response and provides more tuning options. Also available: **Threaded Aluminum Shock Sets** (A712, 82055), **Big Bore Shocks** (A720), anodized purple **Aluminum Lower Suspension Arms** (86256) and more!



HPI00043	100413 Savage XL Chassis Conversion Set.....	90.00	64.99
HPI00720	A720 Big Bore Aluminum Shock Set Savage.....	125.00	89.99
HPI00813	87218 3-Speed Transmission Assembled Savage.....	135.00	79.99
HPI00815	87220 3-Spd Savage Transmission Upgrade Kit.....✓	90.00	51.99
HPI01712	A712 Alum Threaded Shock Set 104-162mm (8)✓	135.00	112.99
HPI02055	82055 Alum Threaded Shock Set E-Savage.....✓	115.00	81.99
HPI02806	86806 Steel Spur Gear Set 47T.....✓	57.00	47.99
HPI05050	85050 Shock Parts Rod End Set Savage 21 (2).....✓	6.00	5.79
HPI05059	85059 Bumper Set/Long Body Mnt Set Savage 21.....✓	9.00	8.59
HPI05234	85234 Kd Plt/Body Mnt/Shck Tvr Savage X.....✓	15.00	13.99
HPI05238	85238 Gear Box/Bulkhead Set Savage X.....✓	15.00	13.99
HPI05238	85238 Suspension Arm Set Savage X.....✓	15.00	13.99
HPI05245	85245 Wheelie Bar Set Savage.....✓	24.00	21.69
HPI05611	86134 Heavy Duty Dogbone 9x123mm Savage 21.....✓	17.00	15.99
HPI05630	86300 Bevel Gear 43 Tooth Savage 21.....✓	9.00	8.59
HPI06031	86031 Bevel Gear 13 Tooth Savage 21.....✓	12.00	11.19
HPI06058	86058 Dogbone 9x123mm Black Savage 21 (2).....✓	13.00	11.99
HPI06249	86249 Spur Gear HD Wide Axle 8x11x59mm (2).....✓	24.00	21.69
HPI06256	86256 Alum Lower Susp Arm Purple Savage.....✓	90.00	74.99
HPI06937	6937 Spur Gear 47T Savage.....✓	4.00	3.89
HPI07025	87025 Savag Fiberglass Disk Brake Conv Kit.....✓	18.00	16.79
HPI07055	87055 Dual Fiberglass Brake Dsk 19x35x2.5mm.....✓	13.00	11.99
HPI07056	87056 Plastic Shock Set Savage.....✓	39.00	34.99
HPI07132	7132 Heavy Duty Spur Gear 52 Tooth.....✓	34.00	29.99
HPI07149	87149 Fuel Tank 160cc Savage 25 RTR.....✓	16.00	12.99
HPI07196	87196 Aluminum Clutch Shoe 3 Pc Type.....✓	38.00	33.99
HPI07527	87527 3-Speed Tranny Assembled Savage X.....✓	135.00	112.99
HPI07717	7717 Heavy Duty Spur Gear 47 Tooth.....✓	25.00	22.59
HPI08008	82008 Universal Shaft Set.....✓	25.00	22.59
HPI08682	8682 Alloy Diff Set/Case Assembled Savage X.....✓	48.00	39.99
HPI08683	8682 Alloy Diff Case Savage X SS.....✓	12.00	11.19
HPI08692	86922 Machined Heavy Duty Bevel Gear.....✓	38.00	33.99
HPI08703	87032 Reverse Module Savage 21/25.....✓	45.00	35.99
HPI08715	87150 Dual Disk Brake Set Stainless Steel.....✓	20.00	15.99
HPI08739	87039 Reverse Module Savage X w/Mixer.....✓	88.00	59.99
HPI08745	8745 Savag Suspension Conversion Set.....✓	235.00	159.99
HPI08751	8751 Teflon Clutch Shoe/Sprng St Svg 25 RTR.....✓	10.00	9.59
HPI08753	87153 3-Piece Clutch Set Savage.....✓	16.00	14.99
HPI08793	87193 4 Bevel Gear Diff Conversion Set Svg.....✓	12.00	11.19

## HPI RACING® CAR & TRUCK ACCESSORIES

Stay ahead of the curve with these tremendous HPI accessories! The **Wheely King Crawler Conversion Set** (87633) lengthens the wheelbase by 2-1/4" to increase stability, while front/rear diff lockers increase traction. Chrome steel **17 mm Hex Hub Conversion Set** (87230) for the Savage™ and Hellfire is fully rebuildable for easy maintenance, while the **2-Speed Transmission** (86038) provides higher top speeds, improved acceleration and maximum cornering "punch" to the Nitro RS4 3. The high-performance **LED Super Light System** (30504) offers seventeen light bulbs, five kinds of operation modes and six different lighting modes.



HPI00021	B021 Bearing 5x10mm Proceed (2).....✓	15.00	13.99
HPI00030	B030 E10 Complete Bearing Set.....✓	30.00	26.99
HPI00209	A209 RS4 Sway Bar Set (6).....✓	21.00	18.99
HPI00237	8237 17mm Hex Hub Conversion Set Savage.....✓	90.00	74.99
HPI01164	2164 Heavyweight Grease Gear Diff.....✓	3.00	2.89
HPI01312	100312 Fr Suspension Arm Set Firestorm 10T.....✓	8.00	7.69
HPI01319	100319 Front Bulkhead Set Firestorm 10T.....✓	8.00	7.69
HPI01710	A710 Alum Threaded Rear Shock Set 77-117mm.....✓	45.00	38.99
HPI01718	A718 Alum Threaded Front Shock Set 70-103mm.....✓	45.00	38.99
HPI01710	72170 Threaded Aluminum Shock Set 45-56mm.....✓	42.00	35.99
HPI02532	86522 Bevel Gear 42T Hellfire.....✓	27.00	24.39
HPI03157	86327 Carbon Graph Block/Hub Set RS4 Pro 4.....✓	6.00	5.79
HPI03504	3504 LED Super Light System.....✓	139.00	89.99
HPI03822	73822 Main Chassis 2.5mm Woven Graphite.....✓	70.00	58.99
HPI04151	74151 Racing Temp Gun.....✓	43.00	29.99
HPI06038	86038 2-Speed Transmission Nitro 3.....✓	80.00	54.99
HPI06198	86198 Universal Dogbone 6x70mm Sprint 2 (2).....✓	33.00	29.99
HPI06336	86336 HD Final Gear Set P1x38T/P1x13T.....✓	36.00	31.99
HPI06996	6996 Spur Gear 96T 48R.....✓	4.00	3.89
HPI07105	77105 Racing Clutch Bell 15T.....✓	16.00	14.99
HPI07106	77106 Racing Clutch Bell 16T.....✓	16.00	14.99
HPI07107	77107 Racing Clutch Bell 17T.....✓	16.00	14.99
HPI07108	77108 Racing Clutch Bell 18T.....✓	16.00	14.99
HPI07231	7231 3.5 Clutch Bell Red.....✓	4.00	3.89
HPI07246	7246 Fr Univ Dogbones Micro RS4.....✓	32.00	28.99
HPI07634	8634 Reduction Gear Box Set Wheely King.....✓	22.00	19.99
HPI08619	86049 Ball Diff Maintenance Set Sprint.....✓	20.00	17.99
HPI08642	8642 Front One-Way Diff 32T Sprint RTR.....✓	38.00	33.99
HPI08706	87006 Urethane Belt S3M 174 50mm Sprint R.....✓	8.00	7.59
HPI08707	87067 Urethane Belt S3M 174 50mm Sprint RTR.....✓	8.00	7.59
HPI08725	87251 Alum Threaded Shock Set 67-87mm (2).....✓	55.00	45.99
HPI08726	87252 Alum Threaded Shock Set 70-103mm (2).....✓	55.00	45.99
HPI08763	87633 Wheely King Crawler Conversion Set.....✓	79.00	49.99
HPI08854	88054 Adjustable Height Shock Set E10 (2).....✓	35.00	29.99

## INTEGY CAR & TRUCK ACCESSORIES

Assembled, anodized and threaded **Super Heavy Duty MSR8** (T7038P) shock set for the HPI® Savage™ features piggyback reservoirs, which increase shock volume and enhance dampening power. Silver alloy **MSR10 Shock Set** (C22763S) is a great hop-up for the Wheely King and AX10 Scorpion rock crawlers, while anodized alloy **Front Bumpers** (T8060) and **Castor Blocks** (T8061) are great hop-ups for the Rustler® VXL™. Be sure to discover more Integy accessories at [www.towerhobbies.com](http://www.towerhobbies.com)!

T7038PURPLE

INTC0679	T7980BLUE Alloy Gr Bx Housing Stmp/Rst/Bndt.✓	39.99	35.99
INTC0680	T7980SILVER Alloy Gr Bx Hng Stmp/Rst/Bndt.✓	39.99	35.99
INTC1395	T3670BLUE 3Pc 7075 Clutch Conv T-Maxx 3.3.....✓	17.99	16.79
INTC1418	T3215BLUE 3Pc Clutch Conversion Revs 3.3.....✓	17.99	16.79
INTC1429	T6902SILVER HD Handle/Eng Roll Cage Svg X.....✓	39.99	35.99
INTC1704	T7809S Alloy Motor Guard Blue B4/T4.....✓	25.99	23.39
INTC2296	C2229PRO Progressive Spring Set 40p T-Maxx.....✓	35.99	31.99
INTC2392	T7984 Tuned Sprng Set MSR9 Stmp/Rstlr/Bndt.....✓	13.99	12.99
INTC2655	T7037SILVER Alloy F/R Skid Plate Savage-X.....✓	32.99	27.99
INTC2656	T7038PURPLE HD MSR8 Shock Set Savage (8).....✓	139.99	112.99
INTC2666	T3667 Steel Spur Gear 54T T-Maxx 3.3 & Jato.....✓	20.99	18.99
INTC3154	T8600 HD Universal Drive Shaft CR01 (2).....✓	35.99	31.99
INTC3289	T2285A HD Center Universal Axial AX10.....✓	29.99	26.99
INTC3420	T7987 Uni Drive Shaft Stamped/Rstlr/Bndt.....✓	29.99	26.99
INTC4241	C22763SILVER MSR10 Shock AX10 WK & RC (4).....✓	69.99	58.99
INTC4262	T7981BLUE Type II Rear Hub Carrier S/Rs/Bd.....✓	20.99	18.99
INTC5149	T8060BLUE Front Bumper Rustler XL5 VXL.....✓	25.99	23.39
INTC5150	T8060SILVER Front Bumper Rustler XL5 VXL.....✓	25.99	23.39
INTC5151	T8061BLUE Castor Block Rustler XL5 VXL.....✓	20.99	18.99
INTC5152	T8061SILVER Castor Block Rustler XL5 VXL.....✓	20.99	18.99
INTC7736	T7988 Univ Drive Shaft Set Stmp/Rstlr/Bndt.....✓	29.99	26.99

## JCONCEPTS CAR & TRUCK ACCESSORIES

Turn your 1/10 scale Associated RC10T4 into an 1/8 scale superstar with the **J82 Conversion Kit!** Includes one set of Groovy 1/8 front tires, a set of Double Dee's rear tires, one set of front dish wheels, one set of rear dish wheels, one clear buggy body with wing, decals and ball ends. Requires chassis. Also available: set of two **Clear Chassis Protective Sheets**.



JC0C0001	1155 Clear Chassis Protective Sheet (2)✓	8.00	6.99
JC0C4002	4002 J82 Conversion Kit RC10T4/J82.....✓	100.00	81.99

## KIMBROUGH SERVO SAVERS

Safeguard your steering system against crash damage with Kimbrough's inexpensive servo savers! A strong internal spring absorbs impacts that can strip servo gears, making your investment last longer. Red, single arm **Gear Saver Hitec** (131) model can be used with nylon or plastic gears. The **Gas Car/Truck** (124) model has a high-strength spring designed especially for metal-gear servos. Models compatible with **Mid-Size** (201) and **Large/High-Torque** (121) servos are available, too, as well as a **48P 69T Spur Gear** (150) for the Nitro TC3.

KIMC0124	124 Servo Saver Gas Car/Truck.....✓	8.00	7.69
KIMC0131	131 Servo Saver Gear Saver Hitec.....✓	5.00	4.79
KIMC0150	150 48P 69T Spur Gear TC3.....✓	5.00	4.79
KIMC0201	201 Servo Saver Mid-Size w/Holes.....✓	7.00	6.69
KIMC1001	121 Servo Saver Large/High Torque.....✓	8.00	7.69

## LUNSFORD RACING CAR & TRUCK ACCESSORIES

Silver **Titanium Hinge Pin Kits** (3005-3805) replace stock pins, add strength and reduce weight for some of the most popular vehicles around, including the RC10B4/T4, the T-Maxx® 2.5 and the Revo® CNC-machined titanium **Punisher** and **Punisher Plus Turnbuckle** and **Ball Cup Sets** (2101, 5108) with a 1/8" adjusting center nut. Hop up your TC10B4/T4 **Shock Mounts** (7302) or upgrade to titanium **Turnbuckles** with kits available for the RC10T4 (2014) and Jato® (2724).

3801

LNSC2014	2014 Titanium Turnbuckle RC10T4 (6).....✓	36.70	32.99
LNSC2101	2101 Punisher T Turnbuckle & Ball Stud RC18T.....✓	63.25	52.99
LNSC2724	2724 Titanium Turnbuckle Kit Jato (6).....✓	58.65	48.99
LNSC3005	3005 Titanium Hinge Pins RC10B4/T4 (10).....✓	24.30	21.99
LNSC3008	3008 Titanium Hinge Pin Kit B44.....✓	22.00	19.99
LNSC3101	3101 Titanium Hinge Pin Kit RC18T (8).....✓	16.45	15.29
LNSC3104	3104 Titanium Hinge Pin Kit Slash (8).....✓	22.00	19.99
LNSC3801	3801 Titanium Hinge Pin Kit T-Maxx 2.5 (8).....✓	24.85	15.99
LNSC3805	3805 Titanium Hinge Pin Kit Revo/Slayer.....✓	27.65	24.99
LNSC5108	5108 Punisher Plus Titanium Turnbuckle B44.....✓	35.55	31.99</





## ROBINSON RACING PRODUCTS

See more Robinson Racing Products at [www.towerhobbies.com](http://www.towerhobbies.com).

## FOR TRAXXAS® VEHICLES



RRPC8472

RRPC8002

Take your Traxxas machine to its peak — with precision gears and drive-related accessories from Robinson Racing. T-Maxx™ upgrades include **X-Hard .8 Mod Clutchbells** (RRPC7920-7924) and **Steel Spurs with Pads** (RRPC7954-7958). Steel spurs with pads are also available for the Slayer™ (RRPC7937-7939). The aluminum/steel **Double Disc Slipper Kit Steel 72T** (RRPC8472) offers better grip along with more durability.

Stock #	Description	Tower
RRPC2347	Hardened Steel Spur Gear 60T New E-Maxx.....	\$27.99
RRPC2348	Hardened Steel Spur Gear 64T New E-Maxx.....	27.99
RRPC2349	Hardened Steel Spur Gear 68T New E-Maxx.....	27.99
RRPC7920	X-Hard Clutchbell 20T .8 Mod T-Maxx/Jato.....	18.59
RRPC7921	X-Hard Clutchbell 21T .8 Mod T-Maxx/Jato.....	18.59
RRPC7922	X-Hard Clutchbell 22T .8 Mod T-Maxx/Jato.....	18.59
RRPC7923	X-Hard Clutchbell 23T .8 Mod T-Maxx/Jato.....	18.59
RRPC7924	X-Hard Clutchbell 24T .8 Mod T-Maxx/Jato.....	18.59
RRPC7937	Steel Spur 37T w/Pad Slayer.....	25.69
RRPC7938	Steel Spur 38T w/Pad Slayer.....	25.69
RRPC7939	Steel Spur 39T w/Pad Slayer.....	25.69
RRPC7954	Steel Spur 54T w/Pad T-Maxx 3.3.....	25.69
RRPC7956	Steel Spur 56T w/Pad T-Maxx 3.3.....	25.69
RRPC7958	Steel Spur 58T w/Pad T-Maxx 3.3.....	25.69
RRPC7980	Large Slipper Pad Slayer & Revo 3.3.....	4.09
RRPC8000	HD Back Slipper Plate Blue Revo/Maxx 3.3.....	13.99
RRPC8002	Steel Gear Forward Only Revo/T-Maxx 3.3.....	99.99
RRPC8007	Steel Gear Fwd Wide Ratio Revo/T-Maxx 3.3.....	99.99
RRPC8015	Xtra-Hard 15T Replacement Clutchbell Revo.....	18.59
RRPC8016	Xtra-Hard 16T Replacement Clutchbell Revo.....	18.59
RRPC8017	Xtra-Hard 17T Replacement Clutchbell Revo.....	18.59
RRPC8018	X-Hard 18T Replacement Clutchbell Revo.....	18.59
RRPC8020	X-Hard 20T Replacement Clutchbell Revo.....	18.59
RRPC8027	Wide Ratio Gear 13x18 Revo/T-Maxx 3.3.....	24.79

Stock #	Description	Tower
RRPC8029	Steel Forward Only Gear Revo/T-Maxx 3.3.....	\$34.99
RRPC8038	2.5 Steel Combo X-Hard 15T/38T Revo.....	37.99
RRPC8040	Steel Combo 40T/16T Revo 2.5.....	37.99
RRPC8052	Vented Alum Flywheel Blue Revo 2.5.....	21.99
RRPC8138	Steel 2nd Gear 38T Revo/T-Maxx 3.3.....	33.99
RRPC8140	Steel 2nd Gear 40T Revo/T-Maxx 3.3.....	33.99
RRPC8166	Double Disc Slipper Kit 66T E-Maxx.....	28.99
RRPC8172	Double Disc Slipper Kit 72T Traxxas.....	28.99
RRPC8266	Plastic Spur Gear 66T Traxxas Nitro.....	7.59
RRPC8270	Plastic Spur Gear 70T Traxxas Nitro.....	7.59
RRPC8272	Plastic Spur Gear 72T Traxxas Nitro.....	7.59
RRPC8276	Plastic Spur Gear 76T Traxxas Nitro.....	7.59
RRPC8372	Steel Spur Gear 72T Traxxas Nitro.....	17.29
RRPC8465	Double Disc Slipper Kit Steel 65T Traxxas.....	37.99
RRPC8472	Double Disc Slipper Kit Steel 72T Traxxas.....	37.99
RRPC8480	Double Disc Slipper Pads Traxxas.....	3.79
RRPC8525	Steel Top Shaft 2-Speed 17/2T.....	35.99
RRPC8529	Steel Forward Primary Gear T-Maxx 2.5.....	19.39
RRPC8538	Steel 2nd Gear Only 38T T-Maxx 2.5.....	33.99
RRPC8543	Steel 1st Gear Only 43T T-Maxx 2.5.....	26.59
RRPC8552	Vented Flywheel Blue T-Maxx 2.5.....	21.99
RRPC8572	Steel Spur 72T Nitro Rustler/T-Maxx.....	22.99
RRPC8586	Steel Forward Only Gear Kit T-Maxx 2.5.....	25.69
RRPC8642	Steel Combo 42T/19T T-Maxx/Jato 3.3.....	37.99
RRPC8644	Steel Combo 44T/18T T-Maxx/Jato 3.3.....	37.99

## FOR ASSOCIATED VEHICLES



RRPC1513

Keep going strong where the going gets rough, using heavy-duty steel **Extra-Hard Clutch Bells** (RRPC2315-2317) and **Hardened Spur Gears** (RRPC2343-2344) for the RC8. Tweak your RC10GT for greatness, too, with the hardened **Aluminum Diff Gear** (RRPC1513). **Steel Combo** (RRPC2365) is CNC-machined from solid steel and hardened for extra-long life, and includes a 65T spur gear and 15T clutchbell that fits all Associated and MIP shoes.

Stock #	Description	Tower	Stock #	Description	Tower
RRPC0122	Hard Aluminum Differential Gear 10GT2.....	\$16.29	RRPC1619	Mini Aluminum Pinion 19T RC18T.....	\$4.59
RRPC0123	Hard Steel Idler Gear 10GT2.....	26.59	RRPC1620	Mini Aluminum Pinion 20T RC18T.....	4.59
RRPC0124	Hard Steel Spur Gear 54T 10GT2.....	26.59	RRPC1860	Stealth Pro Spur 60T.....	5.69
RRPC1513	Aluminum Diff Gear RC10GT/GT2.....	16.29	RRPC1887	Stealth Pro Spur 87T.....	5.69
RRPC1554	Double Disc Slipper Kit 54T MGT.....	37.99	RRPC2160	RC10GT 32P Spur Gear 60T.....	6.19
RRPC1612	Mini Aluminum Pinion 12T RC18T.....	4.59	RRPC2213	RC10GT Steel Idler Gear w/Grease.....	12.99
RRPC1613	Mini Aluminum Pinion 13T RC18T.....	4.59	RRPC2315	Extra Hard Clutch Bell 15T RC8.....	18.19
RRPC1614	Mini Aluminum Pinion 14T RC18T.....	4.59	RRPC2316	Extra Hard Clutch Bell 16T RC8.....	18.19
RRPC1615	Mini Aluminum Pinion 15T RC18T.....	4.59	RRPC2317	Extra Hard Clutch Bell 17T RC8.....	18.19
RRPC1616	Mini Aluminum Pinion 16T RC18T.....	4.59	RRPC2343	Hardened Spur Gear 43T RC8.....	25.69
RRPC1617	Mini Aluminum Pinion 17T RC18T.....	4.59	RRPC2344	Hardened Spur Gear 44T RC8.....	25.69
RRPC1618	Mini Aluminum Pinion 18T RC18T.....	4.59	RRPC2365	RC10GT Steel Combo 65T/15T.....	32.99

## FOR AXIAL® CRAWLERS

Precision machining and hardened steel mean more muscle for rugged off-road adventures!



RRPC1542

Stock #	Description	Tower
RRPC0120	Hard Alum Differential Gear AX10.....	\$16.29
RRPC0121	Hard Steel Idler Gear AX10.....	12.99
RRPC1542	Outdrive Diff Lock Gear AX10.....	25.69
RRPC1587	Super Spur 48P 87T AX10.....	6.69
RRPC1590	Super Spur 48P 90T AX10.....	6.69
RRPC1593	Super Spur 48P 93T AX10.....	6.69

## FOR HPI SAVAGE VEHICLES

Ratchet up performance in your Savage .21, .25 and Savage X with CNC-machined, hardened steel **Clutchbells**. **Steel Combos** (RRPC7048, 7052) include clutchbell and spur gear. **Steel Spur Gears** are also available for the Savage X (RRPC7146, 7148) and Savage 4.6 (RRPC7246-7248).

Stock #	Description	Tower
RRPC7015	Clutchbell 15T Savage .21/25/X.....	\$18.59
RRPC7016	Clutchbell 16T Extra Hard Savage .21/25.....	18.59
RRPC7017	Clutchbell 17T Savage .21/25/X.....	18.59
RRPC7018	Clutchbell 18T Extra Hard Savage .21/25.....	18.59
RRPC7048	Steel Combo 48T/16T Savage.....	36.99
RRPC7052	Steel Combo 52T/14T .21 Savage.....	36.99
RRPC7146	Steel Spur Gear 46T Savage X.....	28.99
RRPC7148	Steel Spur 48T Savage X.....	28.99
RRPC7246	Hard Steel Spur Gear 46T Savage 4.6.....	24.79
RRPC7247	Hard Steel Spur Gear 47T Savage 4.6.....	24.79
RRPC7248	Hard Steel Spur Gear 48T Savage 4.6.....	24.79



RRPC7247



RRPC7048

## PINION GEARS



RRPC1050

32-Pitch and 48-Pitch **Pinion Gears**(RRPC0109-1035) are precision cut from hardened steel alloy and lightened for faster response. Machined from aircraft aluminum, **Aluminum Pro Pinions** (RRPC1312-1319 & 4345-4347) and **SuperLite Purple Pinions** (RRPC3124, 3132) are coated twice with a super-hard anodizing material.

Stock #	Description	Tower	Stock #	Description	Tower
RRPC0109	32 Pitch 9T.....	\$3.69	RRPC1024	48 Pitch 24T.....	\$3.69
RRPC0110	32 Pitch 10T.....	3.69	RRPC1025	48 Pitch 25T.....	3.69
RRPC0111	32 Pitch 11T.....	3.69	RRPC1026	48 Pitch 26T.....	3.69
RRPC0112	32 Pitch 12T.....	3.69	RRPC1027	48 Pitch 27T.....	3.69
RRPC0113	32 Pitch 13T.....	3.69	RRPC1028	48 Pitch 28T.....	3.69
RRPC0114	32 Pitch 14T.....	3.69	RRPC1029	48 Pitch 29T.....	3.69
RRPC0115	32 Pitch 15T.....	3.69	RRPC1030	48 Pitch 30T.....	3.69
RRPC0116	32 Pitch 16T.....	3.69	RRPC1031	48 Pitch 31T.....	3.69
RRPC0117	32 Pitch 17T.....	3.69	RRPC1032	48 Pitch 32T.....	3.69
RRPC0118	32 Pitch 18T.....	3.69	RRPC1033	48 Pitch 33T.....	3.69
RRPC0119	32 Pitch 19T.....	3.69	RRPC1034	48 Pitch 34T.....	3.69
RRPC0200	32 Pitch 20T.....	3.69	RRPC1035	48 Pitch 35T.....	3.69
RRPC0210	32 Pitch 21T.....	3.69	RRPC1050	6-Pack Even 16-26T.....	13.99
RRPC1012	48 Pitch 12T.....	3.69	RRPC1055	6-Pack Odd 15-25T.....	13.99
RRPC1013	48 Pitch 13T.....	3.69	RRPC1312	Aluminum Pro 48P 12T.....	4.79
RRPC1014	48 Pitch 14T.....	3.69	RRPC1315	Aluminum Pro 48P 15T.....	4.79
RRPC1015	48 Pitch 15T.....	3.69	RRPC1316	Aluminum Pro 48P 16T.....	4.79
RRPC1016	48 Pitch 16T.....	3.69	RRPC1318	Aluminum Pro 48P 18T.....	4.79
RRPC1017	48 Pitch 17T.....	3.69	RRPC1319	Aluminum Pro 48P 19T.....	4.79
RRPC1018	48 Pitch 18T.....	3.69	RRPC1337	Hard Aluminum 48P 37T.....	6.19
RRPC1019	48 Pitch 19T.....	3.69	RRPC1339	Hard Aluminum 48P 39T.....	6.19
RRPC1020	48 Pitch 20T.....	3.69	RRPC1341	Hard Aluminum 48P 41T.....	6.19
RRPC1021	48 Pitch 21T.....	3.69	RRPC1343	Hard Aluminum 48P 43T.....	6.19
RRPC1022	48 Pitch 22T.....	3.69	RRPC1345	Hard Aluminum 48P 45T.....	6.19
RRPC1023	48 Pitch 23T.....	3.69	RRPC3124	64P Super Light Purple 24T.....	4.99

Stock #	Description	Tower
RRPC3132	64P Super Light Purple 32T.....	\$4.99
RRPC4345	Aluminum Pro 64P 45T.....	4.79
RRPC4346	Aluminum Pro 64P 46T.....	4.79
RRPC4347	Aluminum Pro 64P 47T.....	4.79
RRPC4350	Hard Aluminum 64P 50T.....	6.19
RRPC4353	Hard Aluminum 64P 53T.....	6.19
RRPC4356	Hard Aluminum 64P 56T.....	6.19
RRPC4358	Hard Aluminum 64P 58T.....	6.19
RRPC4360	Hard Aluminum 64P 60T.....	6.19
RRPC4362	Hard Aluminum 64P 62T.....	6.19
RRPC8712	Xtra Hard 5mm 8 Mod 12T.....	11.69
RRPC8713	Xtra Hard 5mm 8 Mod 13T.....	11.69
RRPC8714	Xtra Hard 5mm 8 Mod 14T.....	11.69
RRPC8715	Xtra Hard 5mm 8 Mod 15T.....	11.69
RRPC8716	Xtra Hard 5mm 8 Mod 16T.....	11.69
RRPC8717	Xtra Hard 5mm 8 Mod 17T.....	11.69
RRPC8718	Xtra Hard 5mm 8 Mod 18T.....	11.69
RRPC8719	Xtra Hard 5mm 8 Mod 19T.....	11.69
RRPC8720	Xtra Hard 5mm 8 Mod 20T.....	11.69
RRPC8721	Xtra Hard 5mm 8 Mod 21T.....	11.69
RRPC8722	Xtra Hard 5mm 8 Mod 22T.....	11.69
RRPC8723	Xtra Hard 5mm 8 Mod 23T.....	11.69
RRPC8724	Xtra Hard 5mm 8 Mod 24T.....	11.69
RRPC8725	Xtra Hard 5mm 8 Mod 25T.....	11.69



# CAR & TRUCK ACCESSORIES

## MAXIMIZER CAR ACCESSORIES

Gold anodized aluminum **Diff Locker Savage®** (2352) creates two-wheel "Posi" action for tremendous traction. Get the 2WD Wheelie King ready for 4WD fun with the **Crawler King Diff Locker** (2355), or make 17 mm hex wheels fit perfectly onto your T-Maxx® or Revo® with **1/8 Scale to Maxx Adaptors** (2330) and **17 mm Composite Maxx Adaptors** (2381).



	RETAIL	TOWER
MAXC2330 2330 1/8 Scale to Maxx Adaptors 17mm✓	26.50	23.99
MAXC2352 2352 Differential Locker Savage✓	22.95	20.69
MAXC2355 2355 Crawler King Diff Locker (2)✓	22.95	20.69
MAXC2381 2381 17mm Composite Maxx Adaptors (4)✓	4.00	3.89

## MIP CAR ACCESSORIES

MIP CVDs (Constant Velocity Drives) reduce skips, friction and backlash to near zero, so you get more power at any angle. Original **CVDs** (1007, 1485, 1665, 08100) are machined from alloy steel, then hardened and finished in a rust-resistant black-oxide coating. **Shiny CVDs** (1440, 1525, 1570) substitute wear-resistant, hard nickel plating for longer, stronger life. **T-Maxx® Clutch Kit** (1664) features durable, long-lasting clutch shoes. Ensure that your vehicle's weight is always evenly distributed with the **Tweak Station** (9020)!



	RETAIL	TOWER
MIPCO500 1007 CVD Kit RC10✓	27.50	20.69
MIPCI1440 1440 Front/Rear Shiny Drives ASC 187/188✓	25.00	21.99
MIPCI1485 1485 Super Differential ASC 187/188✓	19.95	15.99
MIPCI1485 1485 Front/Rear CVD Kit T/E-Maxx Old✓	55.00	41.99
MIPCI1525 1525 Shiny CVD Kit T-Maxx 2.5✓	65.00	48.99
MIPCI1555 1555 Ball Differential Mini-T✓	20.95	18.99
MIPCI1570 1570 Shiny Drives Fr/Rear Associated RC18R✓	25.00	22.59
MIPCI1664 1664 2-Shoe Clutch Kit Rev/T-Maxx 3.3✓	18.00	12.99
MIPCI1665 1665 Front/Rear CVD Kit Rev/T-Maxx 3.3✓	65.00	44.99
MIPCI2000 08106 CVD Clutch Kit Rev/T-Maxx/Stampede✓	42.50	29.99
MIPCI2012 3012 4" 1 Clutch RC10GT✓	18.00	16.79
MIPCI2014 08116 Ball Differential Kit Slash/XXL✓	55.00	39.99
MIPCI8100 08100 CVD Set AX10 Scorpion✓	59.00	48.99
MIPCI8101 08101 C-Drive Spine Set AX10 Scorpion✓	59.00	44.99
MIPR9020 9020 1/10 Tweak Station✓	45.00	38.99

Find Parts Fast with the Ordering Wizard at [www.rcpartssuperstore.com](http://www.rcpartssuperstore.com)

Look for the green and save on shipping!

**Tower Hobbies**  
**RC PARTS Superstore**  
**EXPRESS**

## NOVAK PINION GEARS

Heavy-duty 5 mm **Shaft Steel Pinion Gears** are ideal for vehicles with Mod 1 spur gears, such as 1/8 scale nitro-to-electric brushless conversion kits. Nickel-plated **32P 5 mm Steel Pinion Gears** are the perfect match for electric monsters like the Traxxas® E-Maxx® and the HPI® E-Savage™. Aluminum 3-Pinion Gear Sets are available in **Mod 0.6** versions for vehicles such as the DuraTrax® Vendetta™ and **Mod 0.5** packs for 540 motor-powered racers, such as Tamiya Tam Tech vehicles.



	RETAIL	TOWER
NOVC5100 5100 Pinion Gear Steel 5mm Shaft 11T✓	11.95	10.99
NOVC5101 5101 Pinion Gear Steel 5mm Shaft 12T✓	11.95	10.99
NOVC5102 5102 Pinion Gear Steel 5mm Shaft 13T✓	11.95	10.99
NOVC5103 5103 Pinion Gear Steel 5mm Shaft 14T✓	11.95	10.99
NOVC5104 5104 Pinion Gear Steel 5mm Shaft 15T✓	11.95	10.99
NOVC5105 5105 Pinion Gear Steel 5mm Shaft 16T✓	11.95	10.99
NOVC5109 5109 Pinion Gear Steel 5mm Shaft 1 9T✓	11.95	10.99
NOVC5110 5110 Pinion Gear Steel 5mm Mod 1 10T✓	11.95	10.99
NOVC5152 5152 Pinion Gear Steel 5mm Shaft 32P 12T✓	11.95	10.99
NOVC5153 5153 Pinion Gear Steel 5mm Shaft 32P 13T✓	11.95	10.99
NOVC5154 5154 Pinion Gear Steel 5mm Shaft 32P 14T✓	11.95	10.99
NOVC5155 5155 Pinion Gear Steel 5mm Shaft 32P 15T✓	11.95	10.99
NOVC5156 5156 Pinion Gear Steel 5mm Shaft 32P 16T✓	11.95	10.99
NOVC5157 5157 Pinion Gear Steel 5mm Shaft 32P 17T✓	11.95	10.99
NOVC5200 5200 Mod 0.6 Alum Pinion Gear Set 11/12/13T✓	11.95	10.99
NOVC5201 5201 Mod 0.6 Alum Pinion Gear Set 14/15/16T✓	11.95	10.99
NOVC5202 5202 Mod 0.6 Alum Pinion Gear Set 17/18/19T✓	11.95	10.99
NOVC5210 5210 Mod 0.5 Pinion Gear Set 11/12/13T✓	11.95	10.99
NOVC5211 5211 Mod 0.5 Pinion Gear Set 14/15/16T✓	11.95	10.99
NOVC5212 5212 Mod 0.5 Pinion Gear Set 17/18/19T✓	11.95	10.99

## OFNA RACING ACCESSORIES

Anodized blue aluminum **Clutch Shoes** come packaged in sets of three for easy hop-ups, while anodized aluminum **Hub Adapters** allow Ofna wheels to be used on the T-Maxx®/E-Maxx®. Ideal for 1/8 scale vehicles like the Ultra GT/Ultra GTP series, the **2-Speed Transmission** arrives ready to install, with all required hardware. Haul your gear in style with the black nylon **R/C Travel Radio & Tool Bag**! Its removable tool caddy holds up to 15 tools, while a foam-lined carrying case is designed to protect your transmitter from damage. Four cardboard drawers provide ample storage space.



	RETAIL	TOWER
OFNC1101 10011 Clutch Shoes White (3)✓	24.95	22.49
OFNC3511 35011 2-Speed Transmission✓	124.95	103.99
OFNC4101 31010 Gear Bevel 44T Steel✓	28.95	25.99
OFNC5299 52099 Pull Start Unit w/Rope 21/28✓	24.95	22.49
OFNC6349 96349 R/C Travel Radio & Tool Bag✓	129.95	107.99
OFNC8175 81175 T-Maxx Hub Adapters (4)✓	24.95	22.49

## PANTHER® BEARINGS

Reduce wear and friction, while increasing top speeds with Panther bearings! All are available ten to a package; all are conveniently stored in a plastic tube. **3/16" x 3/8"** set is metal-shielded, while the **6" x 10" x 3"** and **8" x 16" x 5"** sets are rubber-shielded. **5" x 10" x 4"** sets are available in your choice of metal-shielded or rubber-shielded. Installation in your RC vehicle is the only requirement!



	RETAIL	TOWER
PAHC1800 816010M Metal Shielded Bearing 3/16x3/8✓	9.95	9.49
PAHC1805 8510410M Metal Shielded Bearing 5x10x4✓	9.95	9.49
PAHC1810 8510410R Rubber Shielded Bearing 5x10x4✓	9.95	9.49
PAHC1820 8610310R Rubber Shielded Bearing 6x10x3✓	9.95	9.49
PAHC1825 8816510R Rubber Shielded Bearing 8x16x5✓	9.95	9.49

## PRO-LINE® ACCESSORIES

Keep your 1/10 scale crawlers, cars and trucks in peak performance with these Pro-Line accessories! **#1 Scale Accessory Set** (6040-00) includes a cooler, winch box, gas can and a heavy-duty winch – the **#2 Scale Accessory Set** (6045-00) comes with a high-lift jack, pry bar, shovel and axe. The hand-painted **Front/Rear Western Bumper Set** (6052-00) is compatible with 1.9" and 2.2" crawlers, while the **Runtime Fuel Tank** (6057-00) gives your T-Maxx® 25% more fuel capacity than stock!



	RETAIL	TOWER
PROCS055 6052-00 Western Bumper Front/Rear✓	35.00	29.99
PROCG607 6037-00 Alum Steering Arms Bl Anodized Revo✓	16.00	14.79
PROCG604 6040-00 #1 Scale Accessory Set✓	24.00	20.99
PROCG645 6045-00 #2 Scale Accessory Set✓	20.00	17.59
PROCG646 6046-00 Roof Rack✓	16.00	14.79
PROCG647 6047-00 Light Bar✓	16.00	14.79
PROCG607 6057-00 Runtime T-Maxx Fuel Tank✓	20.00	16.99

## RB INNOVATIONS ULTIMATE WHEELIE BAR



Designed especially for the Traxxas® T-Maxx®/E-Maxx®, the Ultimate Wheelie Bar stands up to the most punishing power wheelies! Ball bearing-supported wheels provide maximum durability and less drag for longer wheelies. Constructed of silver alloy; includes rubber O-ring tires.

	RETAIL	TOWER
RBVC1525 WHEELIE-01 Wheelie Bar Kit T/E-Maxx✓	45.25	43.99

## RC SCREWZ SCREW KITS



Polished stainless steel screw kits – for the most popular vehicles around! Choose from sets for the **Axial® Scorpion**, **Tamiya F-350 Hi-Lift**, **HPI® Savage® X**, the **HPI Baja SS** and **5B**, the **Associated TC5** plus the **Traxxas® T-Maxx® 2.5/3.3**, **Slash®**, **Stampede® VXL**, **Rustler® VXL**, **Jato® 3.3** and **Revo® 3.3**. Each kit contains all screws needed to replace stock hardware with rust-resistant upgrades.

	RETAIL	TOWER
RCZC0001 AXI001 Axial Scorpion✓	27.95	25.19
RCZC0126 ASS026 Associated TC5✓	20.95	18.99
RCZC0143 HPI043 HPI Baja SS✓	49.95	42.99
RCZC0328 HPI028 HPI Baja 5B✓	49.95	42.99
RCZC0341 HPI041 HPI Savage X 46✓	29.95	23.99
RCZC0605 TAM005 Tamiya F-350 Hi-Lift✓	35.95	31.99
RCZC0701 TRA001 Traxxas T-Maxx 2.5✓	27.95	25.19
RCZC0715 TRA015 Traxxas Revo 3.3✓	27.95	25.19
RCZC0716 TRA016 Traxxas T-Maxx 3.3✓	27.95	25.19
RCZC0718 TRA018 Traxxas Jato 3.3✓	27.95	23.99
RCZC0723 TRA023 Traxxas Rustler VXL✓	20.95	18.39
RCZC0724 TRA024 Traxxas Stampede VXL✓	20.95	18.39
RCZC0733 TRA033 Traxxas Slash✓	27.95	25.19

## RPM CAR & TRUCK ACCESSORIES



Durable **True-Track Rear A-Arm Conversion Kits** provide slot-free movement for your T-Maxx®/E-Maxx® (80942, 80945) or Revo® (80562, 80565). Featuring strong composite construction, **Axle Carriers** and **Oversized Bearings** (80032, 80582, 80585) for the Revo, T-Maxx and E-Maxx stay in place – even under extreme conditions! They also offer 40% thicker walls and 20% more support than stock. Strong composite nylon **A-Arms** are also available for the Revo, Rustler® and Stampede®. **Wide Front Bumper** (81165) protects your Bandit®, Rustler® or Stampede® from costly collisions.

	RETAIL	TOWER
RPMC0102 80102 Front Bumper Black T/E-Maxx✓	8.95	8.59
RPMC0110 80112 Skid/Wear Plate Black 3pc T/E-Maxx✓	21.95	19.79
RPMC0150 80902 Rear Bumper Mount Black Slash✓	9.95	9.49
RPMC2134 82141 A-Arm Fr Upper/Lower Dyeable White 5B✓	27.95	25.19
RPMC2135 82142 A-Arm Front Upper/Lower Black Baja 5B✓	27.95	25.19
RPMC7041 70032 Wide Front Black RC18T✓	6.95	6.69
RPMC7102 70045 Arms Upper/Lower Monster GT Blue (2)✓	11.95	11.19
RPMC8009 80162 Shock Tower/Adj Mount Black T/E-Maxx✓	16.95	15.79
RPMC8010 80165 Shock Tower/Adj Mount Blue T/E-Maxx✓	16.95	15.79
RPMC8012 80042 Wide Front Bumper Black B4/T4/GT2✓	8.95	8.59
RPMC8019 80525 Gear Cover Blue Slash/XLS/VXL✓	6.95	6.69
RPMC8029 80522 Gear Cover Black Slash/XLS/VXL✓	6.95	6.69
RPMC8034 80032 Axle Carriers w/Bearings Blk Maxx (2)✓	26.95	24.29
RPMC8307 80372 Front Bearing Carriers Rustler/Stampede✓	8.95	8.59
RPMC8308 80382 Re Bearing Carriers Rustler/Stampede✓	8.95	8.59
RPMC8072 80562 True Track Re A-Arm Conversion Black✓	49.95	42.99
RPMC8075 80565 True Track Rear A-Arm Conversion Blue✓	49.95	42.99
RPMC8083 80862 Re Shock Tower Nitro Rust/Stamp/Sport✓	8.95	8.59
RPMC8094 80942 Rear True-Track A-Arm Conversion Blk✓	49.95	42.99
RPMC8096 80945 Rear True-Track A-Arm Conversion Blue✓	49.95	42.99
RPMC8116 81152 Wide Front Bumper Traxxas✓	6.95	6.69
RPMC8119 81165 Bumper Wide Fr Blue Rustler/Stampede✓	6.95	6.69
RPMC8182 80182 A-Arms Re Blk Elec Rustler/Stampede✓	10.95	10.19
RPMC8185 80185 A-Arms Rear Blue Elec Rustler/Stampede✓	10.95	10.19
RPMC8192 80192 A-Arms Rear Black Revo (2)✓	12.95	11.99
RPMC8222 80222 A-Arms Front Left Black Revo (2)✓	14.95	13.99
RPMC8237 80212 A-Arms Front Right Black Revo (2)✓	14.95	13.99
RPMC8242 82192 Center Skid/Protector Plate Black✓	14.95	13.99
RPMC8244 82198 Center Skid/Protector Plate Purple✓	14.95	13.99
RPMC8245 80242 A-Arms Fr Black Rustler/Stampede (2)✓	10.95	10.19
RPMC8462 80462 A-Arms Upper/Lower Blue 2.5R/3.3 (2)✓	11.95	11.19
RPMC8465 80465 A-Arms Upper/Lower Blue 2.5R/3.3 (2)✓	11.95	11.19
RPMC8470 82252 Rear Up/Lwr A-Arms Black HPI 5B/5T✓	25.95	23.39
RPMC8472 80592 Rear A-Arms Black Slash✓	11.95	11.19
RPMC8472 80595 Rear A-Arms Blue Slash✓	11.95	11.19
RPMC8582 80582 Axle Carriers/Bearings Black Revo✓	34.95	29.99
RPMC8585 80585 Axle Carriers/Bearings Blue Revo✓	34.95	29.99
RPMC8712 80712 Castor Blocks Elec Stampede/Rustler✓	9.95	9.49
RPMC8832 80832 Re Shock Tower Elec Stamp/Rust/Bandit✓	8.95	8.59
RPMC8852 80852 R Buckle Twr Stmp/Rust/Bndt/Ntr Stmpd✓	7.95	7.59

## SLIMLINE® BILLET FUEL TANK

Fuel leaks will be a thing of the past with this silver aluminum fuel tank for the Traxxas® T-Maxx® 2.5! Made from machined billet aluminum, it is a direct drop-in replacement for the stock nylon tank. Kit includes fuel tank, aluminum cap, silicone cap seal, two pressure fittings and four 3 mm flat-head machine screws.



SLIC9000	9000 Billet Fuel Tank T-Maxx 2.5.....✓	RETAIL 89.99	TOWER 74.99
----------	--	--------------	-------------

## SULLIVAN TIGERDRIVES™

Replace your recoil start – upgrade to the ease of a hand-held starter! The drive direction can be oriented four ways to accommodate your vehicle.



All feature steel gears, a roller, an aluminum frame and bronze bearings. **S680** fits most .12-.25 engines; **S681** fits most O.S.® engines up to .21-size. **S689** fits most shaft-type engines, while **S682** is for Traxxas® 2.5 engines. All include mounting hardware. A long hardened steel **Starter Wand** is also available.

SULG6080	S680 TigerDrive Gear Box Adapter 6mm.....✓	24.78	18.39
SULG6081	S681 TigerDrive Adapter 8mm OS Max.....✓	32.79	24.99
SULG6082	S682 TigerDrive Adapter 6mm Traxxas.....✓	24.78	22.39
SULG6086	S686 TigerDrive Hex Ball Drive Starter Wand.....✓	12.46	11.59
SULG6089	S689 TigerDrive Adapter 6mm Dynamite.....✓	19.58	18.29

## TAMIYA TRACTOR TRUCK ACCESSORIES



**1/14 Scale Multi-Function Control Unit** adds an ESC, twenty-four sound effects, nine types of lights and vibration effects to your Tamiya tractor truck. Includes a 2-3/8" speaker; requires a 4-channel stick radio. Add lighting effects to your King Hauler with **Tractor Truck** and **Semi-Trailer** light sets or hop it up with the **Motorized Support** and **Oil Shock** sets!

TAMC0651	56501 King Hauler Tractor Truck Light Kit.....	226.00	144.99
TAMC0652	56502 Semi Trailer Light Set 301.....✓	54.00	39.99
TAMC0653	56503 Tractor Truck Oil Shock.....✓	33.00	31.99
TAMC0655	56505 Motorized Support Legs Tractor Trailer.....	105.00	74.99
TAMC6511	56511 1/14 Multi-Function Central Unit.....✓	539.00	344.99

## TAMIYA CAR & TRUCK ACCESSORIES

Thanks to Tower Hobbies, these terrific Tamiya hop-ups will provide your favorite vehicles with that something extra you've been wanting – for less than you'd imagine! Choices include the **Low-Friction Aluminum Damper Set** for TRF 4WD on-road chassis kits, coated aluminum **TRF Special Dampers** for various 1/10 scale touring car kits and the **Aluminum Racing Steering Set** for models with the popular TT-01 chassis. Check out [www.towerhobbies.com](http://www.towerhobbies.com) for more info on these and more exciting Tamiya accessories.



TAMC2346	54026 Alum Prop Shaft & Joint TT01 Type E.....✓	15.00	13.99
TAMC2430	84008 TRF Special Damper Hard Coat Black.....✓	76.00	63.99
TAMC3670	54073 Hi Torque Servo Saver 02/49/62.....✓	11.50	10.69
TAMC5155	53155 Low Friction Alum Damper 49/62.....✓	35.00	29.99
TAMC7217	53897 Aramid Belt Blue TA05.....✓	10.50	9.69
TAMC9728	53670 Aluminum Racing Steering Set TT01.....✓	46.00	39.99
TAMC9730	53672 Carbon Upper Frame TT01.....✓	20.50	18.49

## THS RACING® CVD SETS

Hardened steel **Front/Rear** CVD kits come with four CVDs and four differential output yokes, while the **Center** kit comes with front and rear center CVDs, two joint cups and one brake hub. Available for the most popular R/C vehicles around, including the Traxxas® T-Maxx® 2.5 & 3.3, Revo®, Jato® and HPI® Savage™. All include rubber dust boots for minimal maintenance.



	THS310 CVD Set T-Maxx 2.5.....✓	75.00	62.99
	THS315 Center CVD Set T-Maxx 2.5.....✓	40.00	34.99
	THS320 CVD Set Revo/T-Maxx 3.3.....✓	75.00	62.99
	THS330 CVD Set Savage.....✓	75.00	62.99
	THS340 CVD Set Jato.....✓	45.00	38.99

## TRAXXAS® CAR & TRUCK ACCESSORIES

Tower Hobbies' wide variety of Traxxas accessories range from direct replacements to hop-ups that beef up looks and performance. The waterproof **R/C HERO® Digital Camera** (5840) lets you shoot up to 1400 still photos or 2 hours of video with a 2GB SD card (not included).



Set of 8 Teflon®-coated grey-anodized alloy **Big Bore T-Maxx®/E-Maxx® Shocks** (4962) arrives completely assembled and packaged with two bottles of 30-weight shock oil. **Long** (2660) and **XX-Long Big Bore Shocks** (2662) for the TRX-3" and the Stampede® are available in sets of two with one bottle of shock oil. Be sure to check out [www.towerhobbies.com](http://www.towerhobbies.com) for more product details!

TRAC1057	2657 Big Bore Shocks Slash w/Springs (4).....✓	70.00	58.99
TRAC3632	3632X Caster Blocks 30 Degree Red.....✓	24.00	21.89
TRAC3633	3632A Caster Blocks 30 Degree Blue.....✓	24.00	21.89
TRAC3637	3636A Alum Steering Block Rstly/Stampede (4).....✓	35.00	29.99
TRAC3640	3640 Suspension Screw Pin Set Steel.....✓	4.50	4.29
TRAC3678	3678 Wheelie Bar Assembly Stampede/Rustler.....✓	15.00	12.99
TRAC3691	3691A Gear Box L/R w/Idler Gear Shaft Gray.....✓	8.00	7.69
TRAC3744	3743A Blue-Anodized Alum Steering Billocks.....✓	34.00	29.99
TRAC3762	3762A Ultra Shocks (2).....✓	18.00	16.79
TRAC3954	3954 Spur Gear 1.0P 38T Revo.....✓	3.00	2.89
TRAC3955	3955 Spur Gear 1.0P 40T Revo.....✓	3.00	2.89
TRAC3956	3956 Spur Gear 0.8P 54T Jato.....✓	3.00	2.89
TRAC4000	3998 Two Speed Conversion Kit E-Maxx.....✓	55.00	45.99
TRAC4051	4951 Half Shafts Long (2) T-Maxx.....✓	8.00	7.59
TRAC4058	4962 Big Bore Shocks T-Maxx (8).....✓	99.99	63.99
TRAC4059	4954X Hex Wheel Hubs Aluminum T-Maxx.....✓	20.00	17.99
TRAC4077	4939X Susp Pin Set Stainless T-Maxx.....✓	12.00	11.19
TRAC4087	4933X Pivot Balls Anodized Aluminum T-Maxx.....✓	20.00	17.99
TRAC4147	4146X Clutch Shoes/Spring T-Maxx.....✓	7.75	7.39
TRAC4631	4628X Drive Yokes Steel (2).....✓	19.50	18.19
TRAC4676	4676 Spur Gear 48P 76T.....✓	3.00	2.89
TRAC4683	4683 Spur Gear 48P 83T.....✓	3.00	2.89
TRAC4686	4686 Spur Gear 48P 88T.....✓	3.00	2.89
TRAC4690	4690 Spur Gear 48P 90T.....✓	3.00	2.89
TRAC4900	4952 Reverse Kit T-Maxx 3.3.....✓	50.00	41.99
TRAC4960	2660 Big Bore Shocks Long w/o Spring (2).....✓	30.00	26.99
TRAC4962	2662 Big Bore Shocks XX w/o Spring (2).....✓	30.00	26.99
TRAC4967	2667 Big Bore Shock Caps (2).....✓	7.00	6.69
TRAC5186	5186 Mounted Wheelie Bar Tires/Wheels Red.....✓	19.95	18.59
TRAC5187	5186A Mounted Wheelie Bar Tires/Wheels Blue.....✓	19.95	18.59
TRAC5251	5451R Drive Shaft Revo/T-Maxx OptiDrive (4).....✓	80.00	66.99
TRAC5263	5263 Oil Air Filter T-Maxx 2.5.....✓	4.99	4.79
TRAC5340	5338X Tubes Lightweight Alum Red Turnbuckle.....✓	25.00	22.59
TRAC5399	5395X Reverse Kit Revo 3.3.....✓	50.00	41.99
TRAC5598	5498 Sway Bar Kit Revo/Revo 3.3.....✓	30.00	26.99
TRAC5614	5614 Differential Kit E-Revo.....✓	39.00	34.99
TRAC5691	5690X Mtr Plate Single Mtr Insultin E-Revo.....✓	10.00	9.39
TRAC5840	5840 GoPro R/C Hero Camera.....✓	340.00	179.99
TRAC5917	5918X Aluminum Push Rod Slayer (2).....✓	12.50	11.69
TRAC6333	5353X Wheel Hubs Splined 17mm Blue-Anodized.....✓	25.00	22.59
TRAC6362	2362 Shock Rebuild Kit.....✓	2.50	2.39
TRAC7472	5472 Wheelie Bar Assembled Revo.....✓	20.00	17.99
TRAP5211	5211 Roller Clutch T-Maxx 2.5.....✓	22.50	20.29

## TRINITY® ROYAL OIL BEARING LUBE



Give your modified motors and bearings the regal treatment with super-lightweight, low-drag Royal Oil Bearing Lube. A 2 fl. oz. squeeze bottle makes it easy to dispense a drop at a time. Its distinctive purple color makes it easy to find in any pit box.

TRIC5551	4051 Royal Oil Bearing Lube.....✓	6.50	4.99
----------	-----------------------------------	------	------

## VENOM RACING® VSM SPEED METER™



Venom's VSM Speed Meter is easy to install, complementing any R/C car or truck. A top speed function determines if your set-up change increases speed. The lifetime odometer helps you track your motor usage between rebuilds, while a built-in digital voltmeter ensures that you always have a fully charged battery. Other features include easy mph/kph selection and a trip odometer.

	VENR0615	0615 VSM Speed Meter.....✓	RETAIL 49.99	TOWER 39.99
--	----------	----------------------------	--------------	-------------

## WERKS® RACING CLUTCHES



Go the distance with Werks adjustable 4-shoe clutches! Shoes come in rulon (6502) or carbon (6501, 6521) and include a purple anodized aluminum flywheel and pressure plate, an adjusting nut and a spring. Clutches also offer adjustable spring tension to change the engagement point for maximum grip. Flywheels feature the "Werks Racing" logo and "Made in Italy" printed in white letters.

WRXC6501	6501 Adj 4-Shoe Off-Rd Cltch Carbon Shoe.....✓	89.99	67.99
WRXC6502	6502 Adjustable 4-Shoe Clutch Rulon Shoes.....✓	89.99	67.99
WRXC6521	6521 Adj 4-Shoe Monster Trk Cltch Crbn Shoe.....✓	89.99	67.99

## WILDCAT EXTREME® CLEANER

• **Specially formulated!**

• **Non-flammable and biodegradable!**

Get rid of stubborn oil/grease stains and exhaust residue with Wildcat Extreme Cleaner! It's strong, fast-acting and safe for plastic, cloth, Monokote® film and vinyl. Degreaser will not leave a soapy film behind or strip paint and decals. Sold in 32 fl. oz. (quart) spray bottles.



CATC0895	895 Extreme Cleaner R/C Spray Quart.....	5.99	3.99
----------	--	------	------

## XXX MAIN CENTER SKID PLATE



Hop up your Traxxas® T-Maxx® or E-Maxx® with this black carbon fiber skid plate from XXX Main Racing! Its unique skull shape is sure to make any potential competitor panic. Includes all required hardware.

XXXC9000	G001 Graph Skull Center Skid Plate T/E-Maxx ..✓	24.99	22.49
----------	---	-------	-------



# HPI BODIES

prepainted bodies!  
for your Savage/T-Maxx

◆ Polycarbonate plastic construction withstands the roughest crashes.

◆ All include realistic headlight, grille, and tail light decals, plus official logos, window frames, door handles, and more — many also feature 3D light buckets!

◆ From Mini to 1/5 scale, there are styles sure to please the most discriminating racer!

◆ Clear overspray film, vinyl window masking, painting tips and pre-cut decals make finishing clear bodies a snap!



1965 Ford  
Shelby GT-350  
200mm

'70 Plymouth AAR  
'Cuda Clear



Baja 5T-1 Truck  
Painted Black



2002 Dodge Ram  
Truck Savage/T-Maxx



Jeep  
Wrangler  
Rubicon  
Savage

Stock #	1/10 Scale - 190mm	Tower
HPIC7128	Nissan 350Z GReddy Twin Turbo 190mm	\$25.29
HPIC7131	Stage-D Levin AE86 Kit Run Free	22.59
HPIC7209	Toyota Trueno AE86	22.99
HPIC7214	Toyota Levin AE86 190mm	26.99
HPIC7265	Mazda RX-7 FD3S Painted 190mm	38.99
HPIC7314	Honda S2000 190mm w/Decal	19.99
HPIC7327	Nissan Skyline R34 190mm	18.99
HPIC7328	Saleen Mustang 190mm	21.69
HPIC7333	Lotus Sport Elise 190mm	18.99
HPIC7335	Porsche 911 Turbo 190mm	18.99
HPIC7338	Honda Civic Si 190mm	18.99
HPIC7340	Toyota Celica 190mm	21.69
HPIC7352	BMW M3 GT 190mm	18.99
HPIC7369	Saleen S7R 190mm	18.99
HPIC7373	Dodge Viper GTS-R 190mm	22.59
HPIC7376	Lotus Elise 2000 190mm	22.59
HPIC7377	Lamborghini Murcielago 190mm	18.99
HPIC7382	Mazda RX-7 190mm	20.99
HPIC7383	Honda NSX GT 190mm	23.49
HPIC7385	Nissan 350Z Nismo GT Race 190mm	23.49
HPIC7388	Mazda RX-8 Mazdaspeed A Spec 190mm	20.99
HPIC7389	Lamborghini Gallardo 190mm	22.59
HPIC7399	Subaru Impreza Clear 190mm	22.99
HPIC7403	Mitsubishi Eclipse 190mm	19.99
HPIC7518	Subaru Impreza WRC 2004 190mm	22.99
HPIC7712	Impreza Painted 190mm	39.99
HPIC8129	Stage-D Trueno AE86 Kit Run Free	22.59

Stock #	1/10 Scale - 200mm	Tower
HPIC0472	1966 Mustang GT Painted Red 200mm	48.99
HPIC0474	Ford Mustang GT-R	48.99
HPIC1506	2004 Honda S2000 200mm	25.29
HPIC1510	'70 Plymouth AAR 'Cuda Clear	25.29
HPIC1515	Nissan Skyline R32 GT-R	24.39
HPIC1525	Prova HPI Impreza Clear 200mm	26.19
HPIC1720	Chrysler 300C SRT8 Clear	23.49
HPIC1750	Venom T-10 Clear 200mm	17.99
HPIC1752	Porsche Cayenne Turbo Savage 200mm	22.99
HPIC1757	Porsche 911 Turbo 997 200mm	26.99
HPIC6474	TVR Tuscan Speed Six 200mm	22.59
HPIC7038	911 GT1 200mm	19.99
HPIC7046	Mercedes Benz CLK-GTR 200mm	20.99
HPIC7049	Subaru Impreza WRC '98	19.99
HPIC7051	Ford F-150 200mm	19.99
HPIC7129	Nissan 350Z GReddy Twin Turbo 200mm	25.29
HPIC7266	Lamborghini Murcielago Painted	38.99
HPIC7267	R32 Skyline GT-R Painted 200mm	38.99
HPIC7268	Ford Mustang GT-R Painted 200mm	38.99
HPIC7401	Chevy Silverado 200mm	21.99
HPIC7408	Ford F-150 Flareside	18.99
HPIC7418	Porsche 911 GT3 200mm	18.99
HPIC7420	Lamborghini Diablo 200mm	18.99
HPIC7424	Toyota Supra 200mm	18.99
HPIC7427	Nissan Skyline 200mm	21.69
HPIC7428	Saleen Mustang 200mm	18.99
HPIC7430	Monte Carlo 200mm	18.99
HPIC7431	Mitsubishi Eclipse 200mm	18.99
HPIC7433	Lotus Sport Elise 200mm	18.99
HPIC7435	Porsche 911 Turbo 200mm	18.99
HPIC7438	Honda Civic Coupe 200mm	21.69
HPIC7443	Mercedes Benz AMG S-Class	18.99

Stock #	1/10 Scale - 200mm (Cont.)	Tower
HPIC7447	Firebird Trans Am 200mm	\$18.99
HPIC7448	Mitsubishi Lancer 200mm	21.69
HPIC7450	BMW M5 200mm	18.99
HPIC7452	BMW M3 GT 200mm	18.99
HPIC7458	Subaru Impreza WRC '01 200mm	19.99
HPIC7460	Chevy Camaro SS 200mm	18.99
HPIC7464	Suzuki Escudo Pike's Peak 200mm	18.99
HPIC7466	Toyota MR-S GT 200mm	18.99
HPIC7469	Saleen S7R 200mm	18.99
HPIC7477	Lamborghini Murcielago 200mm	18.99
HPIC7479	Nissan Silvia GT 200mm	22.59
HPIC7486	Toyota Supra GT Au Cerumo 200mm	23.49
HPIC7488	Mazda RX-8 Mazdaspeed A Spec 200mm	19.99
HPIC7489	Lamborghini Gallardo 200mm	24.39
HPIC7494	'68 Camaro 200mm/210mm/WB255mm	23.99
HPIC7495	2005 Ford GT 200mm/WB255mm	19.99
HPIC7496	Lamborghini Countach	21.99
HPIC7497	Honda Odyssey 200mm	24.39
HPIC7503	Corvette C6 200mm	21.99
HPIC7504	Mustang GT-R 200mm	21.99
HPIC7508	1965 Ford Shelby GT-350 200mm	23.99
HPIC7511	De Tomaso Pantera	20.99
HPIC7517	Subaru Impreza WRC 2004 200mm	22.99
HPIC7523	Pagani Zonda F 200mm	25.29
HPIC7524	Vertex Ridge Toyota Soarer	26.19
HPIC7530	Nissan Silvia S15/200mm	25.29
HPIC7707	Lamborghini Murcielago Yellow 200mm	33.99
HPIC7733	Stiletto V12 Painted 200mm	35.99
HPIC7734	Impreza Painted 200mm	39.99
HPIC7735	Venom T-10 Painted 200mm	32.99
HPIC7736	Tourea Painted 200mm	32.99
HPIC7854	Nissan 350Z Nismo GT 200mm	20.99
HPIC8247	Mazda RX-7 FD3S 200mm	24.39
HPIC8476	Lotus Elise 2000 200mm	25.29
HPIC8483	Honda NSX GT 200mm	21.99
HPIC8487	Porsche Carrera GT 200mm	21.99
HPIC9519	'66 Ford Mustang GT 200mm	22.99

Stock #	1/10 Scale - Wide	Tower
HPIC7024	Honda Civic Mini	19.29
HPIC7205	Mazda MX-5 225mm	19.99

Stock #	Mini	Tower
HPIC0009	Datsun 510 WB225mm F0/R3mm	38.99
HPIC0010	Datsun 240Z WB225mm F0/R3mm	38.99

Stock #	1/10 Buggy	Tower
HPIC7799	Painted White Brama 10B	38.99

Stock #	1/10 Truck/Truggy	Tower
HPIC7001	DSX-2 Truck Clear	24.39
HPIC7050	Ram Street Truck (RS4)	18.99
HPIC7123	DSX-1 Clear Truck Firestorm	21.69
HPIC7779	DSX Painted Black/Blue	41.99
HPIC7781	DSX Painted Black/Green	41.99
HPIC7787	DSX-2 Painted White/Red	45.99
HPIC7788	DSX-2 Painted White/Blue	45.99
HPIC7795	DSX Pnted Stroke Graphics Orange/Black	38.99
HPIC7796	DSX-2 Painted Black/Red	45.99
HPIC7797	DSX-2 Painted Black/Silver/White	45.99

Stock #	1/8 Scale	Tower
HPIC2219	Savage Flux HP GT-2 Painted Blk/Gry/Rd	45.99
HPIC7581	1/8 Toyota TS020 GT-One	35.99
HPIC7765	DRX Painted Hellfire	37.99

Stock #	1/8 Scale (Cont.)	Tower
HPIC8798	DRX Hellfire	\$27.99
HPIC5387	Baja 5B 2.0 Painted Gray/White/Red	82.99
HPIC5388	Baja 5B 2.0 Painted Blue/White/Red	82.99
HPIC5389	Baja 5B 2.0 Painted Red/White/Gray	82.99
HPIC5390	Baja 5B 2.0 Lower Gray/White/Red	28.99
HPIC5391	Baja 5B 2.0 Lower Blue/White/Red	28.99
HPIC7560	Baja 5B-1 Buggy Clear	28.99
HPIC7561	Baja 5T-1 Truck Clear Trimmed	174.99
HPIC7562	Baja 5B Clear Side Left/Right	7.69
HPIC7563	Baja 5T-1 Truck Painted White	224.99
HPIC7564	Baja 5T-1 Truck Painted Black	224.99
HPIC7766	Baja 5B Buggy Painted Orange Baja	73.99
HPIC7770	Baja 5B Buggy Painted Side Set Yellow	26.19
HPIC7790	Baja 5B Buggy Painted Blue/Silver/White	73.99
HPIC7792	Baja 5B Buggy Pnted Graphite Gray/Silver	73.99

Stock #	Monster Truck	Tower
HPIC0724	GT Gigante Truck Clear	29.99
HPIC1794	Savage X GT-2 Clear	22.99
HPIC7002	Bounty Hunter 4x4	21.99
HPIC7003	Scarlet Bandit 4x4	19.99
HPIC7004	Iron Outlaw 4x4	21.99
HPIC7124	Mini GT-1 Clear Wheely King	21.69
HPIC7161	Nitro MX-1 Truck	18.99
HPIC7165	Hummer H2 Clear Wheely King	24.39
HPIC7167	Grave Robber Clear	31.99
HPIC7172	Silverado Truck Nitro MT	18.99
HPIC7173	Ram Truck Nitro MT/Rush	18.99
HPIC7174	F-350 Truck Nitro MT/Rush	18.99
HPIC7177	Chevrolet El Camino SS Savage/T-Maxx	24.99
HPIC7178	2002 Dodge Ram Truck Savage/T-Maxx	23.99
HPIC7179	'73 Ford Bronco Savage/Maxx	23.99
HPIC7181	'70 Plymouth Hemi Cuda Savage	24.99
HPIC7182	Jeep Wrangler Rubicon Savage	24.99
HPIC7184	'69 Dodge Charger	23.99
HPIC7188	'56 F-100 Savage T/E-Maxx	26.99
HPIC7199	Landrover Defender Savage	31.99
HPIC7490	Cadillac Escalade	23.99
HPIC7750	GT Gigante Truck Painted Blue	44.99
HPIC7752	Truck Painted Blk/Gry/Bl Nitro GT-1	29.99
HPIC7753	Truck Painted Gry/Blk/Bl Nitro GT-1	29.99
HPIC7754	Truck Painted Grey/Black/Blue Savage	29.99
HPIC7755	Truck Painted Bl/Svtr/Blk Nitro GT-1	33.99
HPIC7758	Truck Painted Red/Silver/Gray GT-1	31.99
HPIC7759	Truck Painted Orange/Yellow/Black	33.99
HPIC7760	Truck Painted Red/White/Gray MT2	33.99
HPIC7761	Truck Painted Blue/White/Gray MT2	33.99
HPIC7768	Savage X Painted	41.99
HPIC7771	Nitro GT2 Painted Black/Blue/Silver	41.99
HPIC7773	Nitro GT2 Pnted Black/Orange/Yllw/Svtr	41.99
HPIC7774	Mini GT-1 Painted Wheely King	38.99
HPIC7776	Electric GT-1 Yellow/Black/Silver	38.99
HPIC7777	Nitro Gigante Truck Painted Orange	49.99
HPIC7782	Nitro GT-2 Painted Blue/Gray/Silver	45.99
HPIC7786	Nitro GT-2 Painted Red/Gray/Silver	45.99
HPIC8186	Bounty Hunter 4x4	29.99
HPIC8196	Ford F-150 Savage	29.99

# hpi-racing®



# PRO-LINE

www.prolineracing.com



1/10 OFF-ROAD TRUCK

Desert Rat Carnage  
Edition Slash

## THE CHOICE OF MORE MODELERS!

## LEXAN® BODIES

No matter what you run or scale you like — there's a tough lightweight Pro-Line body crafted to capture every line and detail of the look you want! Pro-Line offers more choices than ever, especially for rock crawlers. They range from the **1972 C-10 Pickup** to exotics like the **ROCKSTAR**, **Helios** and **Spyder**. Choices in other categories include **Hardcore** and **Desert Rat** bodies for the **Slayer™** and **Slasher™** and **Shift** and **Crowd Pleazer** for 1/8 scale buggies, truggies and trucks.

All bodies come wrapped in overspray film, with window mask and decals for fast, easy finishing.

For maximum realism, add scale body accessories. Injection-molded, hand-painted details in **Scale Accessory Assortment #1** include a cooler, heavy-duty winch, winch box with tow strap and cover and a gas can!

All bodies are sold clear unless otherwise indicated. Bodies marked with an asterisk (\*) require extended body mounts.

Stock #	Description	Tower
<b>1/10 OFF-ROAD TRUCKS</b>		
PROC3151	Hummer H2 SUT Stampede	\$20.99
PROC3153	Crowd Pleazer Nitro Rustler	19.99
PROC3163	Crowd Pleazer T4	19.99
PROC3202	Crowd Pleazer 2.0 Jato	20.99
PROC3233	Crowd Pleazer 2.0 RC10GT2	21.99
PROC3241	Cavalieri Edition RC10T4	20.99
PROC3253	1972 Chevy C-10 Stampede	20.99
PROC3255	Desert Rat Electric Rustler	18.99
PROC3256	Early 50's Chevy Stampede	21.99
PROC3259	1980 Chevy K10 Pick-Up Stampede	21.99
PROC3266	HUMM-VEE Urban Stampede	21.99
PROC3283	Hardcore Slash	24.99
PROC3284	Desert Rat Slash	24.99
PROC3288	Desert Rat Slayer	30.99
PROC3291	Hardcore Slayer	30.99
PROC3294	Desert Rat Carnage Edition Slash	35.99
PROC3862	Baja Bug Slash	26.99
PROC4127	Crowd Pleazer RC10GT Factory Team	19.99

### 1/8 OFF-ROAD BUGGIES

PROC3192	Crowd Pleazer 2.0 MBX-5/Prospect	23.99
PROC3208	Crowd Pleazer 2.0 X1-CR	21.99
PROC3214	Crowd Pleazer 2.0 MP 777 SP2	25.99
PROC3232	Crowd Pleazer 2.0 8ight	25.99
PROC3260	Crowd Pleazer 2.0 RC8	24.99
PROC3265	Crowd Pleazer 2.0 Hyper 8/8.5	24.99
PROC3279	Crowd Pleazer 2.0 Hyper 9	26.19
PROC3282	Crowd Pleazer 2.0 XB808	21.99
PROC3289	Shift MBX-6	25.99
PROC3295	Shift MP9	25.99
PROC3299	Shift D8	26.19
PROC4340	Shift 8ight 2.0	26.19

### 1/10 OFF-ROAD BUGGIES

PROC3216	Crowd Pleazer Cavalieri Edition RC10B4	15.99
PROC3264	Vortex B44	15.99
PROC3273	Vortex RC10B4	15.99
PROC3278	Vortex Kyosho Lazer ZX-5 SP	15.99
PROC3281	Vortex RB5	16.99

### 1/8 TRUCK/TRUGGY

PROC1469	HardDrive 8ight	26.99
PROC3213	Crowd Pleazer 2.0 X1-CRT	23.99
PROC3228	Crowd Pleazer 2.0 MBX5T	26.99
PROC3258	Crowd Pleazer 2.0 STRR	26.99
PROC3285	Shift X2-CRT	28.99
PROC3287	Shift RC8T	28.99
PROC3309	Shift MBX-6T	29.99
PROC4341	Shift 8ight 2.0	29.99

Stock #	Description	Tower
<b>MONSTER TRUCKS</b>		
PROC1900	Dodge Mega Cab T/E/2.5-Maxx/Revo/Savage	\$24.99
PROC2220	Dodge Ram Mega Cab E-Maxx/E-Revo/Revo 3.3/MGT	24.99
PROC3014	HUMM-VEE Urban T/E/2.5-Maxx/Revo/Savage	24.99
PROC3150	H2 Hummer T/E/2.5-Maxx/Revo/Savage *	27.99
PROC3159	Silverado HD Off-Rd Concept T/E/2.5-Maxx/Revo/Savage	24.99
PROC3175	H2 Hummer SUT T/E/2.5-Maxx/Revo/Savage	24.99
PROC3187	Crowd Pleazer 2.0 Revo	23.99
PROC3193	Ford F-650 E-Maxx/E-Revo/Revo 3.3/MGT	25.99
PROC3196	Ford F-650 T/E/2.5-Maxx/Revo/Savage	24.99
PROC3203	1972 Chevy C-10 T/E/2.5-Maxx/Revo/Savage	24.99
PROC3205	1970 Ford F-100 T/E/2.5-Maxx/Revo/Savage	24.99
PROC3206	Early 50's Chevy Pick-Up T/E/2.5-Maxx/Revo/Savage	24.99
PROC3224	1980 Chevy Blazer T/E/2.5-Maxx/Revo/Savage	24.99
PROC3226	Crowd Pleazer 2.0 Revo 3.3	24.99
PROC3227	1972 Chevy C-10 Long Bed E-Maxx/E-Revo/Revo 3.3/MGT	24.99
PROC3229	2007 Chevy Silverado T/E/2.5-Maxx/Revo/Savage	24.99
PROC3230	2007 Chevy Silverado E-Maxx/E-Revo/Revo 3.3/MGT	25.99
PROC3231	Bushwacker T/E/2.5-Maxx/Revo/Savage *	23.99
PROC3245	1980 Chevy Pick-Up T/E/2.5-Maxx/Revo/Savage	24.99
PROC3246	1956 Ford F-100 T/E/2.5-Maxx/Revo/Savage	24.99
PROC3247	2008 Ford F-250 T/E/2.5-Maxx/Revo/Savage	24.99
PROC3248	1980 Chevy Pick-Up E-Maxx/E-Revo/Revo 3.3/MGT	24.99
PROC3252	2008 Ford F-250 E-Maxx/E-Revo/Revo 3.3/MGT	25.99
PROC3257	Boulder Holder T/E/2.5-Maxx/Revo/Savage	26.99
PROC3261	Boulder Holder E-Maxx/E-Revo/Revo 3.3/MGT	27.99
PROC3275	1983 Dodge Ramcharger T/E/2.5-Maxx/Revo 2.5/Savage	27.99
PROC3286	Revo T/E/2.5-Maxx/Revo 2.5/Savage/1/10 Rock Crawler	23.99
PROC3300	Slipstream E-Revo	29.99
PROC3360	VW Baja Bug Long Chassis T-Maxx 3.3/Revo 3.3/E-Revo/Savage XL	29.99
PROC3861	VW Baja Bug Short Chassis T/E-Maxx 2.5/Revo 2.5/E-Revo/Savage	29.99

### 1/8 SCALE MICRO

PROC3194	Crowd Pleazer 2.0 RC18T	11.99
----------	-------------------------	-------

### 1/5 SCALE

PROC3238	VW Baja Bug Baja 5T	142.99
PROC3263	Desert Rat Baja 5B	24.99
PROC3270	Desert Rat Baja 5T Conversion for 5B	124.99
PROC3301	Trofeo Baja 5T	159.99
PROC3306	Undertray 5B	24.99

### ROCK CRAWLERS

PROC0244	1/10 1980 Chevy Blazer CGR w/CGR Roll Cage	61.99
PROC0245	1/10 1980 Chevy Blazer CGR	24.99
PROC3262	1/10 ROCKSTAR	20.99
PROC3267	1/10 1972 C-10 Pickup	20.99
PROC3268	1/10 Helios	20.99



1/5 SCALE

Desert Rat Baja 5T  
Conversion for 5B



MONSTER TRUCK

Slipstream E-Revo®

1/10 OFF-ROAD TRUCK

Hardcore Slash



Scale  
Accessory  
Assortment  
#1

### BODY ACCESSORIES

Stock #	Description	Tower
<b>ROCK CRAWLERS</b>		
PROC3290	1/10 Spyder	\$20.99
PROC3292	1/10 Ambush CGR	28.99
PROC3293	1/10 Ambush CGR w/CGR Roll Cage	67.99
PROC3297	1/10 Descender	20.99
PROC3298	1/18 Descender	23.69
PROC3305	1/18 ROCKSTAR	19.99
PROC3840	1/10 Crowd Pleazer	24.99
PROC4238	1/10 VW Baja Bug	24.99
PROC4239	1/18 VW Baja Bug	23.49
PROC6730	1/18 1972 Chevy C-10 Pickup	24.99
PROC9960	1/10 1983 Dodge Ramcharger CGR w/CGR Roll Cage	64.99
PROC9961	1/10 1983 Dodge Ramcharger CGR Body Only	24.99
PROC6055	Tuber Bolt-On Cage System Scorpion AX10	53.99
PROC6056	Tuber Panels Ready-to-Paint	24.99

### WING SETS

PROC6020	1/8 High Downforce Black Wing Buggy/Truck	12.99
PROC6223	1/8 High Downforce Yellow Wing Buggy/Truck	15.19
PROC6224	1/8 High Downforce White Wing Buggy/Truck	15.19
PROC6032	1/10 Off-Road Wings (5)	22.79

### SCALE BODY ACCESSORIES

PROC5055	Western Bumpers Front/Rear	29.99
PROC6040	Scale Accessory Assortment #1	20.99
PROC6041	Roof Rack	5.29
PROC6045	Scale Accessory Assortment #2	17.59
PROC6046	Scale Accessory Roof Rack	14.79
PROC6047	Scale Accessory Light Bar	14.79
PROC9915	Pro-Line Team Decal Black & White	5.29

### BODY ACCESSORIES

PROC6003	Extended Rear Body Mounts T/E/2.5-Maxx	7.19
PROC6004	Extended Front/Rear Body Mounts T/E/3.3-Maxx	13.99
PROC6036	Extended Front/Rear Body Mounts Revo 2.5/E-Revo	12.49
PROC6059	Vertical Body Mount Kit AX10	22.59
PROC6049	1/10 Pro Pulls (12) & Body Clips (20)	8.99
PROC6050	1/10 Pro Clips (20)	5.29
PROC6051	1/8 Body Clips (20)	5.79
PROC6052	1/8 Pro Pulls (12) & Body Clips (20)	9.29
PROC9922	1/8 Pro-Line Race Numbers 1-15 (3 each)	9.29



# CAR & TRUCK BODIES & ACCESSORIES

## ASSOCIATED CAR BODIES & ACCESSORIES

### • Life-like looks in lightweight Lexan®.

Molded Lexan makes each Associated body as light and tough as you can get! Clear choices include bodies for the **RC10**, the **SC8**, the **RC8T** and the **18R Niteline**. Painted bodies include stylish **Blue** and **Red TC4** bodies, an eye-catching **Blue B4** body and the **Blue/Black Interceptor** body for the **GT2**. Accessories include **Pivoting Body Mounts** for the **TC3** and **MGT** and **Hood Pins**.



6160

		RETAIL	TOWER
ASCC0173	21173 Body Clips RC18T (12)	1.99	1.99
ASCC1296	21296 18R Clear Niteline	14.99	13.99
ASCC1736	1736 Body Clips Metallic Blue Short (6)	2.99	2.89
ASCC3200	6160 Pro Buggy Body RC10	14.00	12.99
ASCC3231	6121 Viper Body RC10	14.00	12.99
ASCC3465	6332 Hood Pins (6)	1.00	1.00
ASCC3897	3897 Pivoting Body Mounts TC3	4.00	3.89
ASCC4153	89371 Body RC8T	33.99	29.99
ASCC6139	6139 T3 Ford Truck Body	18.00	16.79
ASCC6142	6142 RC10B3	14.00	12.99
ASCC6522	8522 Front & Rear Body Post Set 10R5	3.99	3.79
ASCC6850	89150 Body w/Window Mask RC8	27.99	25.19
ASCC7457	7457 Interceptor Body Clear T4	21.99	19.79
ASCC7470	7469 T4 Painted Body Blue	35.99	31.99
ASCC7470	7470 T4 Painted Body Red	35.99	31.99
ASCC7997	7997 Interceptor Body Blue/Black GT2	35.99	31.99
ASCC8637	25137 Pivoting Body Mounts/Posts MGT (4)	6.99	6.69
ASCC8637	89523 RC08 Body Clear	27.99	25.19
ASCC9442	89442 SC8 Clear Body	49.99	42.99
ASCC9587	9587 Wing Mount & Shim Set RC10B4	3.50	3.39
ASCC9675	9675 B4 Painted Body Blue	32.99	29.99
ASCR1737	1737 Body Scissors	5.99	5.09

## AXIAL TRUCK BODIES

AX4016

Made from thick .060" polycarbonate plastic, Axial bodies are tough and built to last. Clear **Rat Rod** and **B-17 Betty** bodies are great for Savage®, T-Maxx® and E-Maxx® monster trucks, but they can be modified to fit other monsters, too. **XC-1 Crawler** bodies are available in **Red**, **Orange**, **Green** and **Clear**. All include a performance-enhancing wing and mounting hardware. Also available: aluminum **7 x 70 mm Post** sets for the AX10 Rock Crawler in four color choices.



AXIC1322	AXA1322 Post 7x70mm Green (2)	8.00	7.69
AXIC1372	AXA1372 Post 7x70mm Red (2)	8.00	7.69
AXIC1385	AXA1385 Post 7x70mm Blue (2)	8.00	7.69
AXIC1406	AXA1406 Post 7x70mm Orange (2)	8.00	7.69
AXIC4004	AXA4004 B-17 Betty Truck Body	36.00	24.99
AXIC4014	AXA4014 XC-1 Crawler Body Clear	33.00	26.99
AXIC4014	AXA4016 Rat Rod Truck Body .060	36.00	28.99
AXIC4020	AXA4020 XC-1 Crawler Body Orange	43.00	29.99
AXIC4021	AXA4021 XC-1 Crawler Body Green	43.00	29.99
AXIC4022	AXA4022 XC-1 Crawler Body Red	43.00	29.99

## AXIAL BODY TOOLS

**Body Reamer** is designed to create and enlarge holes in Lexan®, ABS plastic balsa and more!

An extra-sharp point starts holes quickly and precisely; razor-sharp flutes remove debris for clean, perfect results. **Stepped Body Reamer** features dimension marks, which makes making holes in hobby materials easier than ever. Both include an anodized aluminum handle and an aluminum tip protector. Steel **Lexan Body Scissors** feature a nylon-covered handle for easy, comfortable cuts.



AX20022

AXIR0003	AX20003 Lexan Body Scissors	8.00	7.69
AXIR0022	AX20022 Body Reamer	15.00	13.99
AXIR0036	AX20036 Stepped Body Reamer	25.00	22.59

## DURATRAX® BODY ACCESSORIES

DTXR1157



Cut clean, perfect holes first time, every time, with the **Ultimate Body Reamer** for car, truck or boat modelers. An extra-sharp point gets you started; razor-sharp flutes slice cleanly through Lexan®, ABS, balsa, polycarbonate and most other modeling materials. **Body Scissors** are great for clean, no-tear cuts in Lexan, polypropylene and other plastics. Curved tips on stainless steel blades make it easy to follow curves into tight spots. Cushioned handles keep hands comfortable while applying cutting force.

DTXR1150	Body Scissors	11.99	6.99
DTXR1157	Ultimate Body Reamer	29.99	19.99

## DU-BRO® BODY ACCESSORIES

Stainless steel **Body Reamer & Scissors Set** makes maintaining Lexan® bodies a breeze – black plastic handles make them easy to grip. **Body Klip Retainers** are designed to save you time and frustration. Install by making a small hole in the body, insert the retainer, and attach to the clips.



2330

Available in **Black** and **Blue**, each set includes 8 body clips. Black plastic **Antenna Tube** is a great replacement part for any R/C car, truck or boat.

		RETAIL	TOWER
DUBC2245	2245 Body Klip Retainers Black (2)	4.35	4.19
DUBC2249	2249 Body Klip Retainers Blue (2)	4.35	4.19
DUBC2330	2330 Body Reamer & Scissors Set	14.30	13.29
DUBC2340	2340 Antenna Tube w/Cap Black	1.10	1.10

## GOLDEN HORIZONS ALUMINUM HOP-UPS

GHHC2199

Replace stock plastic parts with these light, strong and sleek anodized aluminum upgrades! Choose from **Body Mounts** for the Traxxas T-Maxx®, E-Maxx® and Slash® and **Wing Mounts** for the Revo® Platinum and the E-Revo in blue and silver.



GHHC2121	02121 Alum Front Body Mnt Blue Slash	19.99	18.59
GHHC2212	02122 Alum Fr Body Mount Silver Slash	19.99	18.59
GHHC2199	Alum Fr Body Mount Silver T/E-Maxx	19.99	18.59
GHHC2508	02508 Alum Re Body Mnt Silver T-Maxx	19.99	18.59
GHHC2562	02562 Alum Wing Mnt Blue E-Revo/Platinum	54.99	45.99
GHHC2563	02563 Alum Wing Mnt Silver E-Revo/Platinum	54.99	45.99

## HOT BODIES BODIES

These tough Lexan® bodies are just as detailed as the full-size versions! Great for Cyclone touring cars, the factory-painted, 190 mm **Moore-Speed Dodge Stratus** features an Andy Moore design, as does the clear **Mazda 6 Sedan** body. The Stratus is pre-cut with the wing installed and decals applied, while the Mazda 6 includes three different wings for various track conditions, factory-applied overspray film and a decal sheet. Also available: replacement body for the **D8**.



61282

HBSIC1282	61282 Moore-Speed Dodge Stratus 190mm Pntd	45.00	38.99
HBSIC6812	66812 Moore-Speed Mazda 6 Body 190mm	27.00	24.39
HBSIC7444	67444 HD B8 Body Clear	24.00	21.69

## JCONCEPTS BODIES & ACCESSORIES

Championship-winning Illuzion bodies combine a cockpit that's aggressively wedged, or "Illuzionized," with high-quality features – making each body an instantly recognizable combination of form and function. Most Illuzion bodies include hard-edge side-pod styling for improved aerodynamics, durable .030" polycarbonate construction, a rear spoiler and mounting hardware. All also feature paint-and-protect film, die-cut window masks and decals. Also available: **Wing Mount Set** for the Traxxas® Revo®.



0076

JCOC1011	0050 Illuzion RC10B4 Hi-flw Bd	20.00	17.09
JCOC1012	0051 Illuzion B44 Hi-Flow Body w/V-Wing	20.00	17.09
JCOC1013	0061 Illuzion B44 Scoopless Body Clear	20.00	17.09
JCOC1015	0005 Illuzion RC10T4 Body Clear	26.00	22.19
JCOC1016	0062 Illuzion RC10T4 Hi-Flow Body Clear	28.00	24.49
JCOC1017	0063 Illuzion RC8T Hi-Flow Body Clear	35.00	31.99
JCOC1018	0052 Illuzion RC8 Hi-Flow Body Clear	29.00	24.65
JCOC1031	0040 Illuzion RC8 Scoopless Body Clear	28.00	23.99
JCOC1067	0035HD Illuzion Losi Eight-T HD	34.00	28.99
JCOC1068	0048 Illuzion Losi XXXT-CR Body Clear	26.00	22.79
JCOC1098	0068 Illuzion Jammin X2 Hi-Flow Body Clear	36.00	31.99
JCOC1099	0067 Illuzion Jammin X2 Hi-Flow Buggy Clear	29.00	24.99
JCOC1120	0030HD Illuzion MBXST Prospect HD Body Clr	34.00	28.99
JCOC1121	0069 Illuzion MBX-6 Hi-Flow Body Clear	29.00	25.39
JCOC1139	0046 Illuzion Jato Hi-Speed Body Clear	28.00	23.99
JCOC1156	0057 Illuzion Stage Killah Crawler Body Clr	28.00	23.99
JCOC1170	0041 Illuzion Stampede VXL Tango Body Clear	27.00	22.99
JCOC1171	0042 Illuzion Rustler VXL Hi-Speed w/Wing	28.00	23.99
JCOC1178	0045 Illuzion Nitro Rustler HiSpd Bdy Clear	26.00	22.99
JCOC1179	0036HD Illuzion Revo Tango 3.3 HD Bdy Clear	34.00	28.99
JCOC1181	0073 Illuzion Revo Platinum HD Hi-Flow Body	36.00	31.99
JCOC1185	0023HD Illuzion Revo 3.3 HD Body Clear	34.00	28.99
JCOC1187	0043 Illuzion Bandit VXL Body Clear	23.00	19.99
JCOC1188	0076 Illuzion Slash Truth Body Clear	38.00	32.99
JCOC1350	20338 Wing Mount Set w/Wing Black Revo	32.00	27.99

## PARMA® BODIES & ACCESSORIES

### • Good looks that last over the long haul. 10206

Enjoy eye-catching sport looks for any category — just "put on a Parmal!" Defining details of each body are crafted by Parma mold masters, and immortalized in tough, freckle-free Lexan®. Choices range from monster truck bodies (1225, 1225P, 1226) to pan car bodies (1229, 10084, 10206, 10165) to bodies for popular **Traxxas®** (1230, 10107, 10165, 10165P) vehicles. **Decal Sets** (747, 10601, 10626, 10768, 10788, 10800) can be used on any scale or type of body. NOTE: "P" after stock number indicates painted body.



		RETAIL	TOWER
PARC0165	10165P Gravedigger #12 Painted	45.99	29.99
PARC0747	747 Drag Racing Decal 6"x8"	5.99	5.69
PARC1017	10107 Skool Bus .050 Maxx Body	27.99	20.99
PARC1084	10084 1/18 Speed 8 Scalpel Body .020	14.99	13.99
PARC1126	10126 '56 Chevy Nomad 200m	24.99	18.99
PARC1165	10165 Gravedigger #12 Body	34.99	25.99
PARC1206	10206 1/12 Speed 8 HD Body	18.99	17.69
PARC1225	1225 1/8 Gravedigger Terra Crusher	40.99	29.99
PARC1226	1226 1/8 Chevy Silverado .050	30.99	24.99
PARC1227	1225P 1/8 Grave Digger Painted .060	51.99	43.99
PARC1231	1229 1/8 R12 Nitro Race .040 w/Stiffeners	32.99	29.99
PARC1233	1230 1/8 Slash Rattler Body	32.99	24.99
PARC1256	10256 1/12 Lunchbox Body	21.99	19.79
PARC1768	10768 Flaming Skulls Decal 6"x8"	5.49	5.29
PARC1788	10788 Stock Car Fender Decal	5.49	5.29
PARC1800	10800 Carbon Fiber Decal	5.49	5.29
PARC1854	10304 3/4 Ford Truck Body	24.99	22.49
PARC2042	10242 41 Willys	24.99	22.49
PARC2053	10453 1/10 Body Mount Kit Tall	8.29	7.99
PARC2077	10162 '57 Chevy Bel Air Body 200mm	28.99	25.99
PARC2166	10412 1/10 Hemi Motor w/Wiring	20.99	18.99
PARC2186	10626 Decals-Drag Racing I-Medium	5.49	5.29
PARC2201	10601 Off-Road Medium Sponsor Decals	5.49	5.29
PARC8054	8054 Foam Body Protectors (12)	3.99	3.79

## PEGASUS LOWRIDER BODY



Create a 1/10 scale lowrider with this '64 Chevy Impala body! Molded from clear .015 Lexan®, features include molded-in body panel lines, grille, lights and trim markings.

PGHC4000	4000 '64 Lowrider Body Dancer	20.00	17.99
----------	-------------------------------	-------	-------

## RAM CAR ACCESSORIES

### • The "light" touch in R/C realism. 120

**Head- and tail light sets** (include two white LEDs and two red LEDs. Models include **Headlights w/Tail Lites** (120) for gas or electric cars, **Headlites & Brake Lites** (130) for nitro cars and Ultra Brite T-Max Lites for T-Maxx® and other nitro trucks (133). Roll bars and bumpers use **Ultra Brite Lites** (144). **Ultra Brite Lites w/Foldaway Roll Bar** (169) won't tear up your body in the event of a rollover. **Under Car Lite** (159) provides special effects for gas and electric vehicles. **Lites 7.2-9V** (24) feature incandescent bulbs. **Tamiya Roll Bar Lights** (28) include two plastic clamps that adapt to the roll bar or bumper of virtually any vehicle. See [www.towerhobbies.com](http://www.towerhobbies.com) for requirements.



RAMC0120	120 R/C Headlite w/Tail Lite	24.95	22.49
RAMC0130	130 R/C Headlites & Brake Lites	29.95	26.99
RAMC0133	133 T-Max Lites	29.95	26.99
RAMC0144	144 Ultra Bright Lites w/White LED	29.95	26.99
RAMC0159	159 Under Car Lite	17.95	16.69
RAMC0169	169 Ultra Brite Lites w/Foldaway Roll Bar	34.95	29.99
RAMC0207	24 Lites 7.2-9V (2)	19.95	18.59
RAMC2028	28 Lights Tamiya Roll Bar	24.95	22.49

## RJ SPEED BODIES

1026



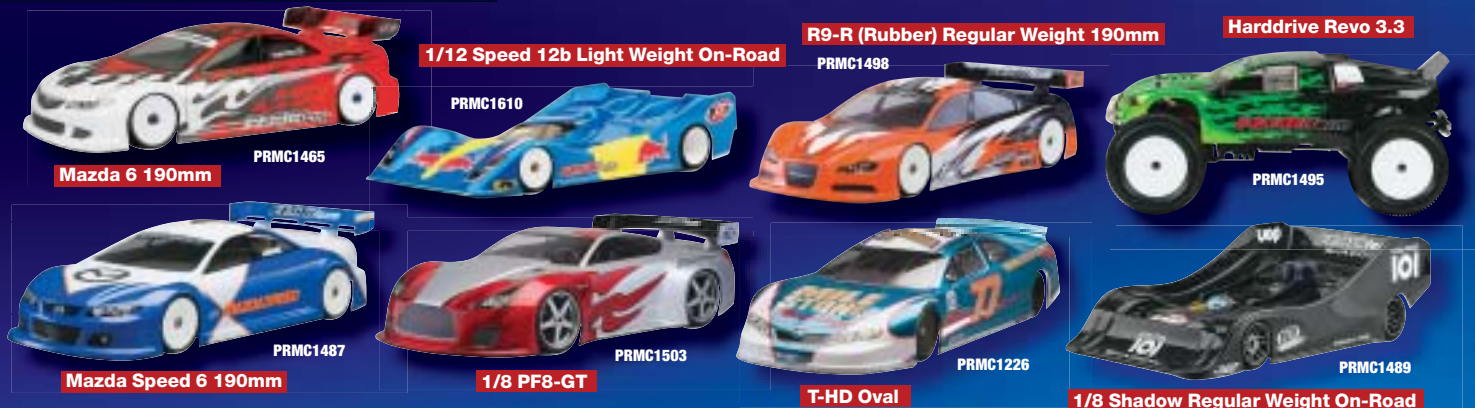
Let RJ Speed turn you into a track superstar! The '70s **Outlaw** (Y024) body is ideal for the Axial Scorpion and other rock crawlers, the **41 Willy's Pro Mod** (1020) fits drag racers with a 10.5" – 12" wheelbase and the **Dirt Oval** (1015) body is great for 1/8 scale pan racers. Choices for Associated RC18R series vehicles include the **Modern Muscle SS** (1026) and the '08 **Stock Car** (1028). All are made of clear Lexan®. All include protective film and window masks.

RJSC1015	1015 Max Wedge 1/8 Dirt Oval Body	52.99	43.99
RJSC1020	1020 41 Willys Pro Mod Body	29.99	26.99
RJSC1024	Y024 7.5 Outlaw Rocker Crawler Body .060	29.95	24.49
RJSC1026	1026 Modern Muscle SS Body 18R	14.99	13.99
RJSC1028	1028 '08 Stock Car Body 18R	14.99	13.99

# CAR & TRUCK BODIES & ACCESSORIES



Lexan makes Protoform bodies lightweight and easy to finish - Protoform makes the bodies in a wide variety of R/C styles. 190mm and 200mm bodies offer narrower profiles and perfect fits for scale and competition. Also available: bodies for Stock Cars, Touring & Pan Cars, 1/8 Scale and 1/12 Scale vehicles. All bodies clear.



• Detailing that rivals real racing machines.

• Made from crystal-clear Lexan® for smoother finishing!

Stock #	1/10 Bodies	Tower
PRMC1225	Dodge Charger Oval .....	✓ \$19.49
PRMC1226	T-HD Oval .....	✓ 23.49
PRMC1227	ORT Truck Oval .....	✓ 23.49
PRMC1228	F-MD Med Downforce LW Oval .....	✓ 23.49
PRMC1229	C-HD Oval .....	✓ 23.49
PRMC1230	TCC Oval & 200mm Sedan .....	✓ 23.49
PRMC1465	Mazda 6 190mm .....	✓ 20.49
PRMC1466	Mazda 6 200mm .....	✓ 20.49
PRMC1467	Mazda 6 Light Weight 190mm .....	✓ 26.99
PRMC1477	Dodge Stratus 3.0 All-Purpose 190mm .....	✓ 23.69
PRMC1478	Dodge Stratus 3.1 200mm .....	✓ 23.69
PRMC1481	Lola 200mm .....	✓ 23.69
PRMC1486	DNA 190mm .....	✓ 22.79
PRMC1487	Mazda Speed 6 190mm .....	✓ 23.69
PRMC1488	DNA2 190mm .....	✓ 22.79

Stock #	1/10 Bodies Cont.	Tower
PRMC1493	DNA 3.0 200mm .....	✓ \$22.79
PRMC1495	Harddrive Revo 3.3 .....	✓ 29.99
PRMC1496	Harddrive T/E-Maxx 2.5/Savage/Revo 2.5 .....	✓ 28.99
PRMC1497	R9-F (Foam) 190mm .....	✓ 22.79
PRMC1498	R9-R (Rubber) Regular Weight 190mm .....	✓ 22.79
PRMC1499	Chevy Corvette C6-R 200mm Pan Car .....	✓ 23.69
PRMC1500	R9-R (Rubber) Light Weight 190mm .....	✓ 25.39
PRMC1502	Sophia GT 200mm Pan Car .....	✓ 22.79
PRMC1505	LTCR (Rubber) Light Weight 190mm .....	✓ 25.39
PRMC1521	P905B High Downforce LW 235mm Pan Car .....	✓ 24.39
PRMC1530	LTCR (Rubber) Regular Weight 190mm .....	✓ 22.79
PRMC1597	Mazda Speed 6 Light Weight 190mm .....	✓ 26.99
PRMC1470	Harddrive Losi 8ightT .....	✓ 29.99

Stock #	1/8 Bodies Cont.	Tower
PRMC1489	Shadow Regular Weight On-Road .....	✓ \$29.99
PRMC1491	Frisbee Regular Weight On-Road .....	✓ 29.99
PRMC1494	Harddrive Losi 8ight .....	✓ 25.39
PRMC1503	PF8-GT .....	✓ 29.99
PRMC1506	P909 Light Weight On-Road .....	✓ 29.99
PRMC1507	P909 Regular Weight On-Road .....	✓ 29.99
<b>1/12 Bodies</b>		
PRMC1501	Mulsanne LMP 200mm Pan Car .....	✓ 22.79
PRMC1609	Speed 12 Light Weight On-Road .....	✓ 14.29
PRMC1610	Speed 12b Light Weight On-Road .....	✓ 14.29
<b>1/8 Bodies</b>		
PRMC1484	Dodge Stratus 3.0 .....	✓ 15.19
<b>Decals</b>		
PRMC1805	Team Decals Red/Black/White .....	✓ 5.29

## TAMIYA BODIES & ACCESSORIES

53957



Unpainted polycarbonate bodies are available in many of your favorite pickup and car styles! Painted body sets let you turn your racer into a **Xanavi Nismo GT-R R34** (51203), a **Ferrari FXX** (52160) or a **Subaru Impreza** (51189). Unpainted body set choices include the **Mini Cooper** (50795) and the **Suzuki Swift Super 1600** (51236). **Multi-Function Control Unit** (53957) adds 24 sound effects, 10 lighting effects, vibration effects and more to the 1/10 Ford F-150 High-Lift kit.

TAMC	51203 Xanavi Nismo GT-R R34 Body Parts Set	RETAIL	TOWER
TAMC1133	51223 Audi A4 & B Mtl Trnsfr Rbbr Sht	70.00	58.99
TAMC1232	9335455 Ford F350 Hi-Lift Body	29.00	26.19
TAMC1394	53909 LED Light Unit TLU-01	58.00	48.99
TAMC1395	53910 LED Light White (2)	14.00	12.99
TAMC1396	53911 LED Light Red (2)	10.00	9.39
TAMC1397	53912 LED Light Orange (2)	10.00	9.39
TAMC1477	53937 LED Light Control Unit TLU-02	93.00	77.99
TAMC1497	53957 Pick-Up Multi-Function Control Unit	648.00	399.99
TAMC1778	54008 Tamiya LED Light 3mm Dia. White	11.00	10.29
TAMC1779	54009 Tamiya LED Light 3mm Dia. Red	11.00	10.29
TAMC1851	9335487 Front Body 58397	18.50	17.29
TAMC1852	9335488 Rear Body 58397	25.00	22.59
TAMC1854	9115194 K Parts Roll Bar 58397	24.00	21.69
TAMC1855	9495521 Sticker A & B Mtl Trnsfr Rbbr Sht	17.00	15.59
TAMC1860	9115196 P Parts Clear Lenses 58397	9.00	8.99
TAMC1861	9225104 T Parts Front Windscreen 58397	11.00	10.29
TAMC2146	51246 NISMO R34 GT-R Z-tune Spare Body Set	49.00	41.99
TAMC2150	52160 Body Set Ferrari FXX LW Finished	70.00	58.99
TAMC2289	51189 Lwt Body Subaru Impreza WRC 04	67.00	55.99
TAMC2336	51331 Body Parts Set Land Cruiser 40 CR-01	51.00	42.99
TAMC2344	51335 Mini Cooper Body Set '06	42.00	36.99
TAMC2421	51339 1/10 VW Golf GTI Cup Body Parts Set	52.00	43.99
TAMC2422	51340 1/10 R/C Nissan GT-R Body Parts Set	47.00	39.99
TAMC2472	51358 1/10 Mercedes-Benz Unimog U406 Body	53.00	43.99
TAMC5320	50320 R/C Light Bulb Set	8.75	8.39
TAMC5795	50795 Mini Cooper Racing Body Parts Set	40.00	34.99
TAMC7106	51236 Suzuki Swift Super 1600 Body Parts Set	53.00	43.99
TAMC9297	50927 Lancer Evo VII Body Parts	40.00	34.99

## TRAXXAS® BODIES & ACCESSORIES

• Designed to fit your chassis like a glove!

5911X



Direct-fit, Lexan® bodies from Traxxas feature recessed panel lines and molded-in details for ultimate realism.

Clear and Painted versions are available for virtually every Traxxas vehicle. **ProGraphix® Custom** bodies for the E-Maxx® (3911R), Rustler® VXL (3715), E-Revo (5611), Slash™ (5811X) and Slayer™ (5911X) arrive painted and trimmed, with factory-applied graphics – you apply the decals! Various **Body Mounting Accessories** and a **Sponsor Decals** set (2514) are also available.

TRAC	2514 Decal Sheet Sponsor	RETAIL	TOWER
TRAC3714	3714 Body Rustler VXL	25.00	22.59
TRAC3715	3715 Body Rustler VXL ProGraphix	34.99	29.99
TRAC3913	3911R Body ProGraphix E-Maxx	34.99	29.99
TRAC3934	3934 Body Clips (12) T/E-Maxx	3.00	2.89
TRAC3935	3935 Body Clips 90° Angled (10) Revo	3.00	2.89
TRAC4910	4912 Disruptor Body T-Maxx/SportMaxx	34.99	29.99
TRAC4923	4921X T-Maxx ProGraphix Body 4908	34.99	29.99
TRAC5314	5314 Fr/Re Body Mounts w/Posts & Pins Revo	11.00	10.29
TRAC5610	5612 Summit Body	28.00	25.29
TRAC5611	5611 Body E-Revo	25.00	22.59
TRAC5612	5612 ProGraphix Body E-Revo	34.99	29.99
TRAC5726	1726 Antenna Tube LS II	1.00	1.00
TRAC5815	1815 Body Washers (8)	2.00	2.00
TRAC5817	5811 Body Clear Slash	35.00	29.99
TRAC5818	5811X Body Prographix Slash	44.99	39.99
TRAC5834	1834 Body Clips (12)	2.00	2.00
TRAC5911	5911X Prographix Body Slayer	44.99	38.99
TRAC6320	5320 Body Revo Platinum Ed Clear	25.00	22.59
TRAC9411	5411 Wing Mount Revo	10.00	9.39
TRAC9446	5446 Wing Black Revo	14.00	12.99
TRAC9447	5446E Exo-Carbon Wing Revo	20.00	17.99
TRAC9514	4914R Body Mount Posts Front	6.00	5.79

## UPGRADE DECALS UPG5906

Create custom looks for your Traxxas® Slash™ and Slayer™ with these eye-popping decals from UpGrade! Each easy-to-apply, peel-and-stick set is die-cut, adhesive-backed and guaranteed to make your model stand out from the pack. Choose from the **Todd Leduc Rockstar**, the blue **Tribal Flame**, the red/yellow **Flame 2**, the green **Reaper** and the **Moto XXX**.

UPGC	UPG5901 Tribal Flame Blue Slash/Slayer	44.99	38.99
UPGC	UPG5903 Flame 2 Red/Yellow Slash/Slayer	44.99	38.99
UPGC	UPG5906 Rockstar Makita Slash/Slayer	39.99	35.99
UPGC	UPG5907 Moto XXX Replica Graph Slash/Slayer	39.99	35.99
UPGC	UPG5917 Reaper Desert Rat Green Slash	39.99	35.99
UPGC	UPG5900 USA Flag Sheet	11.99	11.19
UPGC	UPG9001 Skullz Black	11.99	11.19
UPGC	UPG9002 Skullz White	11.99	11.19

## VENOM RACING® BODIES

1732-04



Incredible looks and incredible convenience – Venom bodies have them both, for an incredible price! The colorful **F-150** body for the Associated RC10GT arrives painted, trimmed and ready to install, with highly detailed lines, a dark blue spoiler and eye-catching decals. Replacement bodies include choices for the **Creepier** rock crawler kit and the **GPV-1** RTR.

VNRC	1732-04 F-150 RC10GT Flame 2 Orange/Blue	RETAIL	TOWER
VNRC8352	8352 Body Set Creepier	34.99	27.99
VNRC9001	0290-01 Body Set Clear GPV-1	29.99	21.99
		24.99	22.49

## XXX MAIN DECALS

• When image matters...



XXX Main's full-color **Stickers** for external use and **Internal Graphics** are printed on vinyl and are completely fuelproof. Their universal design allows them to be used with any scale or type of body. Pulled from .060 Lexan®, the **Skullator Monster Truck Body** includes decals, paint masks and a "how-to" DVD.

XXXX	V003 Carbon Fiber Blank Sticker 8"x11"	4.50	4.29
XXXX	H005 Diamond Fiber Flames Lrg External Del	6.99	6.69
XXXX	R022 Ice Internal Graphic	8.49	7.99
XXXX	P002 Skullator Monster Truck Body	30.99	27.99



# CAR & TRUCK TIRES & WHEELS



## CAR & TRUCK TIRES

### ENGINEERED TO BE THE BEST.

Turn better, stop quicker and spend less with long-lasting replacement and option tires from DuraTrax! Great for concrete, asphalt and hard-packed dirt, aggressive **Street Trac** tires (DTXC5240) are made from a long-lasting blend of natural and synthetic rubber. **Evader™ EXT** tires (DTXC9686, 9687) are stock replacements for the originals. All other tires — including mounted and glued **Raze™** and **Raze™ ST** tires (DTXC4196 & 4235) include foam inserts for added sidewall support. The DuraTrax line also includes choices for the 1/18 scale **Mini Quake™**, as well as all four **Vendetta™** series vehicles. **Multi-Spikes** for the FireHammer™ include foam inserts, as do **Street Tread On-Road** for the Mini Quake™ and **Square Block** and **Arrowhead** tires for the Vendetta™. Other choices include **Slicks** and **Radials** or the Street Force™ GP, **Rear Spiked** and **Front Ribbed** tires for the Evader™ ST and rear **Square Spikes** for the Evader BX. DTXC9708, 9721 & 9722 are 4-tire sets; all other tires are sold in pairs. Also available: fast-bonding **Pit Tech Tire Glue**.



Stock #	Description	Retail	Tower
DTXC4196	Tire Assembled w/Wheel & Foam Insert Raze.....✓	\$14.99	\$12.99
DTXC4235	Pre-Mntd Tire/Insert/Wheel Set Raze.....✓	29.99	24.99
DTXC5240	Street Trac Truck 2.2.....✓	13.99	9.99
DTXC9686	Square Block Tire Vendetta.....✓	7.99	7.29
DTXC9687	Arrowhead Tire Vendetta.....✓	7.99	7.29
DTXC9671	On-Road Street Tire Vendetta ST.....✓	9.99	5.99
DTXC9672	D-Bar Off-Road Tire Vendetta ST.....✓	9.99	8.99

Stock #	Description	Retail	Tower
DTXC9675	Slick Tire with Foam Insert Vendetta.....✓	\$5.99	\$5.49
DTXC9676	Treaded Tire w/Foam Insert Vendetta.....✓	5.99	5.49
DTXC9677	Treaded Tire w/Foam Insert Vendetta.....✓	6.99	6.29
DTXC9686	Tire Front Ribbed Evader EXT.....✓	7.99	7.59
DTXC9687	Tire Rear Spiked Evader EXT.....✓	7.99	7.29
DTXC9703	Tires Front Ribbed Evader ST.....✓	13.99	11.99
DTXC9704	Tires Rear Spiked Evader ST.....✓	13.99	11.99
DTXC9706	Tire Multi-Spike FireHammer.....✓	29.99	24.99

Stock #	Description	Retail	Tower
DTXC9708	Street Tread On-Road Mini Quake (4).....✓	\$10.99	\$9.49
DTXC9709	Tire & Insert FireHammer MT.....✓	49.99	42.99
DTXC9711	Front Ribbed Tires Evader BX.....✓	13.99	11.99
DTXC9712	Square Spiked Tires Evader BX.....✓	14.99	12.99
DTXC9721	Tires Radials w/Foam (4) SFGP.....✓	8.99	7.99
DTXC9722	Tires Slicks w/Foam (4) SFGP.....✓	8.99	7.99
DTXR2000	Pit Tech Tire Glue Thin .5 oz.....✓	4.99	3.99
DTXR2002	Pit Tech Tire Glue Medium .5 oz.....✓	4.99	3.99



## TIRE ACCESSORIES

MORE WAYS TO WIN!

Get the edge on competition — bring tires up to racing temperature with the **IC-Controlled Tire Warmer**! Offers 3 warming modes, a 68-212°F (20-100°C) heat range, and separate heat controls for each cup. Included cups fit 1/10 scale RP, Takeoff and Tamiya Slick tires. Optional **Large Type S** cups handle Sweep and Sorex tires. **Power Truer** quickly and easily resurfaces tires and removes track gunk for optimum performance. Maximize traction with **Blue Sap** or **Sweep Tire Traction Z1**; use **Red Sap** and **Sweep Tire Traction Z2** for high-bite tracks. Also available: **Sweep Tire Stockers**!



Stock #	Description	Retail	Tower
MMRC2260	IC Controlled Tire Warmer Black.....✓	\$319.99	\$199.99
MMRC2261	Marc Rheinard Tire Warmer Blue.....✓	319.99	199.99
MMRC2270	Tire Warmer Controller 3080EVO Black.....✓	49.99	34.99
MMRC2276	Tire Warmer Blue Large Type S.....✓	69.99	58.99
MMRC2280	Power Truer Rubber Tire Sander Black.....✓	139.99	79.99
MMRC2291	Multi-Wheel Balancer Black.....✓	109.99	69.99
MMRC2300	Blue Sap Rubber Tire Conditioner.....✓	19.99	16.99
MMRC2301	Red Sap Rubber Tire Conditioner.....✓	24.99	19.99

Stock #	Description	Retail	Tower
MMRC2303	Sweep Tire Traction Z1.....✓	19.99	16.99
MMRC2304	Sweep Tire Traction Z2.....✓	19.99	16.99
MMRC2305	Sweep Tire Stocker Blue (3).....✓	10.99	9.99
MMRC2306	Sweep Tire Stocker Black (3).....✓	10.99	9.99
MMRC2307	Sweep Tire Stocker Red (3).....✓	10.99	9.99
MMRC3510	CA Instant Glue Rubber Tires 20g.....✓	5.99	4.99
MMRC3511	CA Glue Foam Tires 20g.....✓	5.99	4.99
MMRC3527	V Made Acute Asphalt Tire Traction.....✓	19.99	16.99
MMRC3528	V Made Acute Carpet Tire Traction.....✓	19.99	16.99

## TIRES & WHEELS

There's a lot riding on your tires — and that's why Muchmore tires have been developed and tested by world champions! **Absolute** touring tires for asphalt and carpet offer maximum braking power, as well as exceptional grip and durability. Affordable **Sweep** tires offer the same qualities in a spec class tire...one reason why they were the spec tire of the '08 Worlds! Sweep tires measure 2.55" in diameter; low-profile **Sweep Low Height** and **QTS** tires measure 2.48". All sold in 4-tire sets. Sets include inserts, and tires arrive mounted on 0.94" (24 mm) white rims. Gluing required.

Stock #	Description	Retail	Tower
MMRC2200	Absolute Touring Rubber Tires 24".....✓	\$39.99	\$29.99
MMRC2201	Absolute Touring Rubber Tires 28".....✓	39.99	29.99
MMRC2203	Absolute Touring Rubber Tires 32".....✓	39.99	32.99
MMRC2204	Absolute TC Rubber Tires 24mm 36".....✓	43.99	32.99
MMRC2215	Sweep Pre-Mntd Tires & Wheels 24".....✓	32.99	19.99
MMRC2216	Sweep Pre-Mntd Tires & Wheels 28".....✓	32.99	19.99
MMRC2217	Sweep Pre-Mntd Tires & Wheels 32".....✓	32.99	19.99
MMRC2218	Sweep Pre-Mntd Tires & Wheels 36".....✓	32.99	19.99

Stock #	Description	Retail	Tower
MMRC2219	Sweep Pre-Mntd Tires & Wheels 40".....✓	\$32.99	\$27.99
MMRC2220	Sweep Low Height Pre-Mntd Tires 28".....✓	32.99	27.99
MMRC2221	Sweep Low Height Pre-Mntd Tires 32".....✓	32.99	27.99
MMRC2222	Sweep QTS Pre-Mounted Tires 28".....✓	32.99	27.99
MMRC2223	Sweep QTS Pre-Mounted Tires 32".....✓	32.99	27.99
MMRC2248	Sweep Aero Dish Wheel Type A Yellow.....✓	4.99	4.49
MMRC2249	Sweep Aero Dish Wheel Type A White.....✓	4.99	4.49







## PRO-LINE®

### 1/18 TRUCK TIRES & WHEELS

Stock #	Description	Tower
PROC1114	Bow-Tie Off-Road Tire Front/Rear .....	✓ \$9.25
PROC1116	Dirt Hawg All-Terrain Tire Front/Rear .....	✓ 9.25
PROC1118	Road Rage Street Tire Front/Rear .....	✓ 9.99

### ROCK CRAWLERS TIRES/WHEELS/ INSERTS



Stock #	Description	Tower
PROC0220	MOAB 2.2" M3 Rock Terrain Tires .....	✓ \$16.99
PROC1117	MOAB 3.8" (40 Series) Rock Terrain Tires .....	✓ 25.99
PROC1119	MOAB XL 3.8" (40 Series) Rock Terrain Tires .....	✓ 24.99
PROC1163	Flat Iron 2.2" M2 Rock Terrain Tires w/Memory Foam .....	✓ 15.49
PROC1164	Flat Iron 2.2" M3 Rock Terrain Tires w/Memory Foam .....	✓ 16.99
PROC1166	Flat Iron 1.9" G8 Rock Terrain Tires w/Memory Foam .....	✓ 20.19
PROC1245	Hammer 2.2" G8 Rock Terrain Tires w/Memory Foam .....	✓ 21.99
PROC1915	MOAB XL 3.8" G8 (40 Series) Rock Terrain Tires .....	✓ 27.99
PROC2074	Masher 2000 2.2" Off-Road Tires .....	✓ 16.99
PROC2681	Commando 3.8" (40 Series) Gold/Chrome Bead-Loc Zero Offset 23mm .....	✓ 35.99
PROC2682	Commando 3.8" (40 Series) Silver/Chrome Bead-Loc Zero Offset 23mm .....	✓ 35.99
PROC2683	Commando 3.8" (40 Series) Gold/Chrome Bead-Loc Narrow 23mm .....	✓ 35.99
PROC2723	1/18 Titus 1.9" Chrome/Black Bead-Loc Wheels 12mm .....	✓ 22.99
PROC2725	1/18 Titus 1.9" Black/Black Bead-Loc Wheels 12mm .....	✓ 22.99
PROC2733	Titus 2.2" Chrome/Black Bead-Loc Wheels 12mm .....	✓ 26.99
PROC3735	Titus 2.2" Black/Black Bead-Loc Wheels 12mm .....	✓ 26.99
PROC3698	Eight Shooter 2.2" Silver/Chrome Bead-Loc Wheels 12mm .....	✓ 19.99
PROC3699	Eight Shooter 2.2" Black/Chrome Bead-Loc Wheels 12mm .....	✓ 19.99
PROC3700	Eight Shooter 2.2" Black/Black Bead-Loc Wheels 12mm .....	✓ 19.99
PROC4914	Chisel 2.2" G8 Rock Terrain Tires w/Memory Foam .....	✓ 20.99
PROC5214	Chisel 1.9" G8 Rock Terrain Tires w/Memory Foam .....	✓ 16.99
<b>FOAM INSERTS</b>		
PROC6171	2.2" Oversized Memory Foam .....	✓ 9.99
PROC6172	2.2" Oversized 2-Stage Memory Foam 5.5" .....	✓ 11.99
PROC6197	2.2" Memory Foam .....	✓ 8.59

### 1/8 BUGGY & TRUCK TIRES

All 1/8 tires for front or rear.

Stock #	Description	Tower
<b>BUGGY TIRES</b>		
PROC0029	Revolver XTR .....	✓ \$19.99
PROC0030	Revolver M2 .....	✓ 19.99
PROC0031	Revolver M3 .....	✓ 20.99
PROC0032	Revolver V3 XTR .....	✓ 19.99
PROC0033	Revolver V3 M2 .....	✓ 19.99
PROC0034	Revolver V3 M3 .....	✓ 21.49
PROC0035	Bow-Tie V3 XTR .....	✓ 19.99
PROC0036	Bow-Tie V3 M2 .....	✓ 19.99
PROC0037	Bow-Tie V3 M3 .....	✓ 21.49
PROC1931	Caliber M2 on V2 White .....	✓ 28.99
PROC1932	Caliber M3 on V2 White .....	✓ 28.99
PROC1941	Caliber M2 on V2 Yellow .....	✓ 28.99
PROC1942	Caliber M3 on V2 Yellow .....	✓ 28.99
PROC2025	Bow-Tie XTR .....	✓ 16.99
PROC2501	Bow-Tie M2 .....	✓ 17.99
PROC2502	Bow-Tie M3 .....	✓ 18.99
PROC2601	Hole Shot M2 .....	✓ 16.99
PROC2602	Hole Shot M3 .....	✓ 19.99
PROC9002	Road Rage Street .....	✓ 17.99
PROC9014	Crime Fighter XTR .....	✓ 17.99
PROC9015	Crime Fighter M2 .....	✓ 17.99
PROC9016	Crime Fighter M3 .....	✓ 17.99
PROC9023	Badlands XTR .....	✓ 17.99
PROC9025	Knuckles 2.0 M2 .....	✓ 17.99
PROC9030	Caliber XTR .....	✓ 21.69
PROC9031	Caliber M2 .....	✓ 21.69
PROC9032	Caliber M3 .....	✓ 23.49
PROC9047	Revolver V3 M2 on V2 White Wheels .....	✓ 34.99
PROC9048	Revolver V3 M3 on V2 White Wheels .....	✓ 34.99
PROC9049	Revolver V3 M2 on V2 Yellow Wheels .....	✓ 28.99
PROC9050	Revolver V3 M3 on V2 Yellow Wheels .....	✓ 33.99
PROC9232	Inside Job M3 .....	✓ 18.99

### 1/5 BAJA 5B TIRES & WHEELS



Stock #	Description	Tower
<b>TIRES</b>		
PROC0150	Bow-Tie Front w/Blue Molded Inserts .....	✓ \$33.99
PROC0151	Bow-Tie Rear w/Blue Molded Inserts .....	✓ 37.99
PROC0152	Bow-Tie Rear on Black Desperado .....	✓ 74.99
PROC0153	Bow-Tie Front on Black Desperado .....	✓ 64.99
PROC1142	Badlands Rear .....	✓ 31.99
PROC1165	Excavator Rear .....	✓ 48.99
PROC2142	Badlands Rear on Black Desperado .....	✓ 64.99
PROC2148	Excavator Rear on Black Desperado .....	✓ 84.99
<b>WHEELS</b>		
PROC2707	Desperado Black/Chrome Bead-Loc Rear .....	✓ 45.99
PROC2708	Desperado Black/Black Bead-Loc Rear .....	✓ 37.99
PROC2709	Desperado Black/Chrome Bead-Loc Front .....	✓ 41.99
PROC2710	Desperado Black/Black Bead-Loc Front .....	✓ 33.99
<b>FOAM INSERTS</b>		
PROC0621	Firm Molded Rear .....	✓ 15.49
PROC6202	Excavator Blue Rear .....	✓ 16.99
PROC6205	Molded Blue Front .....	✓ 13.99

### 1/8 WHEELS

Stock #	Description	Tower
<b>BUGGY WHEELS</b>		
PROC1710	Velocity V3 Yellow Front/Rear .....	✓ \$13.39
PROC1711	Velocity V3 White Front/Rear .....	✓ 13.39
PROC2702	Velocity V2 Dish Yellow (4) .....	✓ 14.99
PROC2703	Velocity V2 Dish White (4) .....	✓ 14.99
<b>TRUCK WHEELS</b>		
PROC0692	Velocity LPR 3.7" Yellow Zero Offset Front/Rear .....	✓ 14.49
PROC0694	Velocity LPR 3.7" White Zero Offset Front/Rear .....	✓ 14.49
PROC2800	Velocity VTR 4.0" Yellow Zero Offset Front/Rear (4) .....	✓ 16.99
PROC2801	Velocity VTR 4.0" White Zero Offset Front/Rear (4) .....	✓ 16.99
PROC2802	Velocity VTR 4.0" Yellow 1/2 Offset Front/Rear (4) .....	✓ 16.99
PROC2803	Velocity VTR 4.0" White 1/2 Offset Front/Rear (4) .....	✓ 16.99

### 1/10 2.2" BUGGY TIRES

Stock #	Description	Tower
PROC0402	Suburbs 2.2" M3 Rear .....	✓ \$13.99
PROC0416	Suburbs 2.2" MX Rear .....	✓ 11.79
PROC0417	Suburbs 2.2" MC Rear .....	✓ 11.79
PROC1072	Dirt Hawg I 2.2" M2 .....	✓ 10.99
PROC1073	All Terrain Rear .....	✓ 9.99
	Dirt Hawg III 2.2" M2 .....	✓ 9.99
	All Terrain Front .....	✓ 9.99
PROC8176	4-Rib 2.2" 2WD M3 Front .....	✓ 9.99
PROC8187	Bow-Tie 2.2" M3 Rear .....	✓ 10.99
PROC8284	Hole Shot LP 2.2" M3 Rear .....	✓ 10.99
PROC8286	Hole Shot 4WD M3 Front .....	✓ 10.99
<b>FOAM INSERTS</b>		
PROC6184	2.2" Pre-Glued 2-Stage Rear .....	✓ 5.39
PROC6185	Impact Firm Rear (2) .....	✓ 5.29
PROC6186	Impact Ultra Firm Rear (2) .....	✓ 5.29



Stock #	Description	Tower
<b>TRUCK TIRES</b>		
PROC0300	Hole Shot VTR 4.0" XTR .....	✓ \$25.99
PROC0331	Hole Shot VTR 4.0" M2 .....	✓ 25.99
PROC0332	Hole Shot VTR 4.0" M3 .....	✓ 25.99
PROC1121	Crime Fighter 3.2" .....	✓ 23.99
PROC1141	Crime Fighter LPR 3.7" M2 .....	✓ 22.49
PROC1149	Hole Shot LPR 3.7" XTR .....	✓ 21.99
PROC1150	Hole Shot LPR 3.7" M3 .....	✓ 24.99
PROC1151	Bow-Tie LPR 3.7" XTR .....	✓ 23.49
PROC1152	Bow-Tie LPR 3.7" M3 .....	✓ 24.99
PROC1153	Crime Fighter LPR 3.7" XTR .....	✓ 23.49
PROC1154	Crime Fighter LPR 3.7" M3 .....	✓ 24.29
PROC2139	Hole Shot LPR 3.7" M2 .....	✓ 22.49
PROC2140	Bow-Tie LPR 3.7" M2 .....	✓ 22.49
PROC3100	Revolver VTR 4.0" XTR .....	✓ 26.99
PROC3101	Revolver VTR 4.0" M2 .....	✓ 26.99
PROC3102	Revolver VTR 4.0" M3 .....	✓ 26.99
PROC3103	Caliber VTR 4.0" XTR Off-Road .....	✓ 26.99
PROC3105	Caliber VTR 4.0" M2 Off-Road .....	✓ 26.99
PROC3106	Caliber VTR 4.0" M3 Off-Road .....	✓ 26.99
PROC4011	Bow-Tie LPR 3.7" M2 On White Zero Offset Wheels .....	✓ 35.99
PROC4014	Bow-Tie LPR 3.7" M2 On White 1/2 Offset Wheels .....	✓ 35.99
PROC4022	Bow-Tie LPR 3.7" M2 On Yellow 1/2 Offset Wheels .....	✓ 35.99
PROC4111	Crime Fighter LPR 3.7" M2 On White Zero Offset Wheels .....	✓ 35.99
PROC4114	Crime Fighter LPR 3.7" M2 On White 1/2 Offset Wheels .....	✓ 35.99
PROC4122	Crime Fighter LPR 3.7" M2 On Yellow 1/2 Offset Wheels .....	✓ 29.99

## Giving racers a grip on greatness for over 25 years!

Back in 1982, 1/10 scale and NiCd power were king...and Pro-Line's goal was to provide drivers with quality aftermarket products at affordable prices.

Today, drivers can choose from 1/10 scale, 1/8 scale, 1/5 scale and micros, power up with glow or gas, NiMHs or LiPos and opt for a crawler as easily as an on-road car. But no matter how the choices in scale, power source or vehicles have changed, the tire choice of sport drivers and top contenders remains the same: Pro-Line.

Over the years, Pro-Line tires have been responsible for earning 23 Readers' Choice Awards, 11 IFMAR world championships and over 100 ROAR titles. Championship choices for tomorrow include: bead-loc Desperado wheels and Bow Tie and Badlands tires for the 1/5 scale Baja 5B; Flat Iron, Hammer and Titus tires for crawlers; Epic Bead-Loc wheels with stainless steel rings for the Traxxas® Slash™, Slayer™ and Stampede® and 2.2" Suburb and Switch tires for 1/10 scale trucks. **All tires & wheels sold in pairs unless otherwise indicated.**

### MONSTER TRUCK TIRES & WHEELS



Stock #	Description	Tower
PROC1076	Masher 3.2" All Terrain.....	\$23.99
PROC1082	Road Rage 3.2" Street.....	23.99
PROC1084	Paddle 3.2" Sand.....	23.99
PROC1113	Bow-Tie 3.8" (40 Series) Off-Road.....	23.99
PROC2103	Big Joe 3.8" (40 Series) All Terrain.....	25.99
PROC2104	Road Rage 3.8" (40 Series) Street.....	26.99
PROC2105	Masher 3.8" (40 Series) All Terrain.....	25.99
PROC3200	Badlands 3.2" All Terrain.....	23.99

Stock #	Description	Tower
PROC0670	Mambo 3.8" (40 Series) Chrome Zero Offset 14mm.....	\$18.99
PROC1665	Velocity 6 3.2" Chrome 1/2 Offset 14mm.....	14.99
PROC3664	Velocity 6 3.8" (40 Series) Chrome Zero Offset 14mm.....	17.99
PROC7901	Cheyenne 3.8" (40 Series) Chrome Zero Offset 23mm.....	19.99

#### HEX ADAPTERS

PROC6033	Heavy Duty Hex Adapter 23mm Savage/Warhead (2).....	14.99
PROC6034	Heavy Duty Hex Adapter 23mm T/E-Maxx/E-/Revo/MGT (2).....	14.99

### 1/10 TRUCK & BUGGY WHEELS

Stock #	Description	Tower
PROC0502	Split Six 2.2"/3.0" Black/Black Bead-Loc Rear Slash.....	\$22.99
PROC0503	Split Six 2.2"/3.0" Stainless Steel/Black Bead-Loc Rear Slash.....	22.99
PROC0504	Split Six 2.2"/3.0" Red/Black Bead-Loc Rear Slash.....	22.99
PROC1402	Split Six 2.2"/3.0" Black/Black Bead-Loc Front Slash.....	22.99
PROC1403	Split Six 2.2"/3.0" Stainless Steel/Black Bead-Loc Front Slash.....	26.99
PROC1404	Split Six 2.2"/3.0" Red/Black Bead-Loc Front Slash.....	22.99
PROC7172	Split Six 2.2"/3.0" Black/Black Bead-Loc Rear SC10.....	26.99
PROC7174	Split Six 2.2"/3.0" Red/Black Bead-Loc Rear SC10.....	26.99
PROC1602	Split Six 2.2"/3.0" Black/Black Bead-Loc Front SC10.....	26.99
PROC1604	Split Six 2.2"/3.0" Red/Black Bead-Loc Front SC10.....	26.99
PROC1704	Epic 2.2" Stainless Steel/Black Bead-Loc Front Slash.....	22.59
PROC1705	Epic 2.2" Stainless Steel/Black Bead-Loc Rear Slash.....	22.59
PROC1706	Epic 2.2" Black/Black Bead-Loc Front Slash.....	22.59



Epic 2.2" Black/Black Bead-Loc Rear Slash

Stock #	Description	Tower
PROC1707	Epic 2.2" Black/Black Bead-Loc Rear Slash.....	\$22.59
PROC1708	Epic 2.2" Red/Black Bead-Loc Front Slash.....	22.59
PROC1709	Epic 2.2" Red/Black Bead-Loc Rear Slash.....	22.59
PROC2650	Velocity 2.2" Dyable Front T2/T3/T4/GT.....	6.99
PROC2652	Velocity 2.2" Dyable Rear T2/T3/T4/GT.....	6.99
PROC2662	Velocity 2.2" Wide Yellow Front B4.....	7.69
PROC2666	Velocity 2.2" Wide White Front B4.....	7.69
PROC2667	Velocity 2.2" Yellow Rear B4.....	7.69
PROC2669	Velocity 2.2" White Rear B4.....	7.69
PROC2690	Agitator 2.2" Chrome Front Jato/Nitro Stampede/Rustler.....	9.99
PROC2691	Agitator 2.2" Chrome Rear Jato/Nitro Stampede/Rustler.....	9.99
PROC2711	Epic 2.2"/3.0" Black/Black Bead-Loc Front/Rear Slayer.....	26.99
PROC2712	Epic 2.2"/3.0" Steel/Black Bead-Loc Front/Rear Slayer.....	26.99
PROC2713	Epic 2.2"/3.0" Red/Black Bead-Loc Front/Rear Slayer.....	26.99
PROC6236	Epic 2.2" Stainless Steel Bead-Loc Rings Slash.....	17.99
PROC6237	Epic 2.2" Black Bead-Loc Rings Slash.....	17.99
PROC6238	Epic 2.2" Red Bead-Loc Rings Slash.....	17.99

### 1/10 TRUCK TIRES



Stock #	Description	Tower
PROC0517	Suburbs T 2.2" MC Off-Road Rear.....	\$16.49
PROC0825	Suburbs T 2.2" M3 Off-Road Rear.....	15.99
PROC0826	Suburbs T 2.2" MX Off-Road Rear.....	16.49
PROC1043	Dirt Paw 2.2" All Terrain Front/Rear.....	12.99
PROC1047	Speed Paw 2.2" All Terrain Front/Rear.....	12.99
PROC1050	Striker II 2.2" Street Front/Rear.....	12.99
PROC1052	Sand Paw 2.2" Sand Rear.....	12.99
PROC1060	Road Hawg II 2.2" Street Front/Rear.....	15.49
PROC1062	Road Rage II 2.2" Street Front/Rear.....	15.49
PROC1070	Dirt Hawg II 2.2" All Terrain Front/Rear.....	15.99
PROC1074	Masher 2000 2.2" All Terrain Front/Rear.....	15.49
PROC1075	Dirt Works 2.2" All Terrain Front/Rear.....	14.99
PROC1077	Switch 2.2" Front/Rear Slash.....	15.99
PROC1078	Switch 2.2"/3.0" Front/Rear Slash/Slayer/SC10.....	15.99
PROC1080	Speed Hawg 2.2" Street Front/Rear.....	15.99
PROC1088	Switch 2.2"/3.0" on Epic Red/Black Front/Rear Slayer.....	40.99
PROC1120	MOAB 2.2" Rock Terrain Front/Rear.....	15.99
PROC1136	Dirt Hawg 2.8" (30 Series) All Terrain Front/Rear.....	15.49
PROC1137	Road Rage 2.8" (30 Series) Street Front/Rear.....	15.49
PROC3137	Road Rage 2.8" (30 Series) on Torque Chrome Front Jato/Nitro Stampede/Rustler.....	27.99
PROC1138	Bow-Tie 2.8" (30 Series) Dirt Race Front/Rear.....	15.49

Stock #	Description	Tower
PROC1144	Badlands 2.2" All Terrain Front/Rear.....	\$15.49
PROC1712	Switch 2.2" on Epic Red/Black Rear Slash.....	39.99
PROC1713	Switch 2.2" on Epic Red/Black Front Slash.....	39.99
PROC2151	Bow-Tie SC M3 on Red/Black Split Six Front Slash.....	37.99
PROC2152	Bow-Tie SC M3 on Red/Black Split Six Rear Slash.....	37.99
PROC2153	Bow-Tie SC M2 on Red/Black Split Six Front SC10.....	37.99
PROC2154	Bow-Tie SC M2 on Red/Black Split Six Rear SC10.....	37.99
PROC2155	Bow-Tie SC M3 on Red/Black Split Six Front SC10.....	37.99
PROC2156	Bow-Tie SC M3 on Red/Black Split Six Rear SC10.....	37.99
PROC5301	Bow-Tie SC 2.2"/3.0" M2 Off-Road.....	19.49
PROC5302	Bow-Tie SC 2.2"/3.0" M3 Off-Road.....	19.49
PROC5311	Bow-Tie SC M2 on Red/Black Split Six Front Slash.....	42.99
PROC5312	Bow-Tie SC M2 on Red/Black Split Six Rear Slash.....	36.99
PROC7088	Step Pin T 2.2" M3 Off-Road Rear.....	15.99
PROC8097	The Edge 2.2" M2 Off-Road Front.....	14.99
PROC8100	The Edge 2.2" M3 Off-Road Front.....	15.99
PROC8170	Gladiator 2.2" M2 Off-Road Front/Rear.....	15.99
PROC8171	Gladiator 2.2" M3 Off-Road Front/Rear.....	14.99
PROC8194	Hole Shot T 2.2" M3 Off-Road Rear.....	15.99
PROC8197	Bow-Tie T 2.2" M3 Off-Road Rear.....	15.99

#### FOAM INSERTS

PROC6194	2.2" Pre-Glued 2-Stage Truck Inserts.....	7.19
----------	---	------



# CAR & TRUCK TIRES & WHEELS

## HPI RACING® WHEELS

Choices for some of HPI's most popular vehicles include **Ultra 7s** (3862-63, 100620-25) for the Brama 10B and **Superstars** (3221, 3226) for the Baja 5B. **Scorch Wheels** (3086, 3087, 3089, 3094) are standard on the Firestorm – try track-proven **Dish Wheels** (3092) for optimum stiffness and slick aerodynamics! 26 mm rim styles include: **TE37** (3836, 3841, 3846), black **Stock Car** (3741) and **Mesh** (3712). **Vintage 5-Spokes** are available in 26 mm (3815, 3817) or 31 mm (3820, 3822). **Work XSA** (3286-87, 3297-98) fit such touring cars as the Nitro RS4 Evo, Sprint 2 and more! See [www.towerhobbies.com](http://www.towerhobbies.com) for more details. **All wheels sold in pairs.**



	Retail	Tower
HPIC0592 3092 Dish Wheel Yellow 2.2"	13.00	11.99
HPIC0620 100620 Ultra 7 Whls Yellow 30mm Brama 10B	7.00	6.69
HPIC0623 100623 Ultra 7 Whls Orange 35mm Brama 10B	7.00	6.69
HPIC0624 100624 Ultra 7 Wheels Black 30mm Brama	7.00	6.69
HPIC0625 100625 Ultra 7 Wheels Black 35mm Brama	7.00	6.69
HPIC0886 3086 Scorch 6-Spoke Wheel Gun Metal	11.00	10.29
HPIC1087 3087 Scorch 6-Spoke Wheel Shiny Chrome	14.00	12.99
HPIC1089 3089 Scorch 6-Spoke Wheel Black Chrome	14.00	12.99
HPIC1621 100621 Ultra 7 Wheels Yellow 35mm Brama	7.00	6.69
HPIC2140 2140 SS Monster Wheels Rear Black D	8.50	7.99
HPIC2160 2160 SS Monster Wheels Rear Chrome D	13.00	11.99
HPIC2196 2196 Mnt Mesh Whls Rear ZWD Truck Black	7.50	7.19
HPIC3031 3031 Super Star Wheel Black	6.00	5.79
HPIC3048 3048 Tire F5 Truck Wheel Metal	13.00	11.99
HPIC3051 3051 Split 5 Truck Wheel Black	10.00	9.39
HPIC3061 3061 Classic King Wheel Black 2.2"	13.00	11.99
HPIC3094 3094 Scorch 6-Spoke Wheel Black	13.00	11.99
HPIC3136 3136 8-Spoke Black Savage T/E-Maxx	11.00	10.29
HPIC3210 3212 Rock & Bead Lock Whl Bk 55x36mm	33.00	29.99
HPIC3221 3221 Super Star Wheel Black 120x60mm Baja	20.00	17.99
HPIC3226 3226 Super Star Wheel Black 120x55mm Baja	25.00	22.59
HPIC3242 3242 Wheel Bead Lock Rings Silver Baja	18.00	16.79
HPIC3271 3271 HD Wheel Beadlock Rings Black	15.00	13.99
HPIC3272 3272 HD Wheel Beadlock Rings Silver	15.00	13.99
HPIC3297 3297 Work XSA 02C Whl 26mm Chr/Gld (3mm)	12.00	11.19
HPIC3298 3298 Work XSA 02C Whl 26mm Chr/Gld (6mm)	12.00	11.19
HPIC3336 3336 Outlaw Whl Bk 120x65mm/10mm ST	35.00	29.99
HPIC3591 3591 Work Meister S1 Whl 26mm Chrm 3mm	9.00	8.59
HPIC3592 3592 Work Meister S1 Whl 26mm Chrm 6mm	9.00	8.59
HPIC3593 3593 Work Meister S1 Whl 26mm Chrm 9mm	9.00	8.59
HPIC3696 3696 SS 26mm Black	6.00	5.79
HPIC3712 3712 Mesh 26mm Chrome	9.50	8.99
HPIC3741 3741 Stock Car 26mm Black	6.00	5.79
HPIC3815 3815 Vintage 5-Spoke 26mm Matte Chrome	10.00	9.39
HPIC3817 3817 Vintage 5-Spoke 26mm Shiny Chrome	10.00	9.39
HPIC3820 3820 Vintage 5-Spoke 31mm Matte Chrome	10.00	9.39
HPIC3821 3821 Vintage 5-Spoke 31mm Shiny Chrome	10.00	9.39
HPIC3822 3822 Vintage 5-Spoke 31mm Shiny Chrome	10.00	9.39
HPIC3834 3834 T37 Wheel 26mm Black 6mm Offset	7.00	6.69
HPIC3841 3841 T37 Wheel 26mm Black 3mm Offset	7.00	6.69
HPIC3846 3846 T37 Wheel 26mm Black 6mm Offset	7.00	6.69
HPIC3862 3862 Brama Ultra 7 Wheels White 30mm	7.00	6.69
HPIC3863 3863 Brama Ultra 7 Wheels White 35mm	7.00	6.69
HPIC4286 3286 Work XSA 02C 26mm Chrm/Blk 6mmOffset	12.00	11.19
HPIC4287 3287 Work XSA 02C 26mm Chrm/Blk 6mmOffset	12.00	11.19

## HPI RACING® TIRE/WHEEL SETS

Achieve faster lap times with a **Nubz Conversion Set** (4926, 87233), or go mud mashing with **Super Mudders** (4726) tires, mounted on chrome 8-spoke wheels. **S Compound GT** (4708) with foam inserts come mounted and glued on chrome GT5 wheels. Choices for the Baja 5B include **Dirt Buster** (4736-37), **Tarmac Buster** (4742-43) and **Sand Buster** (4740-41) tires. Get **Mounted Phthalines** on 8-Spoke (4729) or 5-Spoke Wheels (4731). **Super-Low Tread** (4721) and **Drift Tires** (4704) for on-road touring cars let you slide your way into hours of fun! **All sold in pairs except 4702 & 4721.**



HPIC4238 87233 Nubz Conv Set w/17mm UV Joints White	195.00	119.99
HPIC4702 4702 X-Pattern Tire D/Split & Whl Mounted	40.00	34.99
HPIC4704 4704 Mounted Super Drift Tire A Type	24.00	21.69
HPIC4708 4708 Mntd GT Tire S Compound GT5 Whl Chrm	42.00	35.99
HPIC4721 4721 Mntd Super Low Tread Tire Chrome (4)	42.00	39.99
HPIC4726 4726 Mntd Super Mudders Tire/Ring Wheel	49.00	32.99
HPIC4727 4727 Mntd Goliath Tire/Blast Whl Chrome	49.00	34.99
HPIC4728 4728 Mntd Goliath Tire/Tremor Whl Chrome	49.00	41.99
HPIC4729 4729 Mntd Phthaline Tire/Blast Whl Chrome	49.00	34.99
HPIC4731 4731 Mntd Phthaline Tire/Tremor Whl Chrm	49.00	41.99
HPIC4736 4736 Dirt Buster Rib Tire B Bk Wheel Baja	56.00	46.99
HPIC4737 4737 Dirt Buster Block Tire S Bk Whl Baja	90.00	74.99
HPIC4739 4739 26mm T-Drift/Rays 57S Wheel Chrome	22.00	19.99
HPIC4740 4740 Mntd Sand Buster Rib Tire M Compound	59.00	48.99
HPIC4741 4741 Mntd Sand Buster Paddle Tire M Compound	95.00	78.99
HPIC4742 4742 Mntd Tarmac Buster Rib Tire M Compound	95.00	48.99
HPIC4743 4743 Mntd Tarmac Buster Rib Tire M Compound	95.00	78.99
HPIC4926 4926 Nubz Tire/Dish Wheel Black	50.00	41.99

## HPI RACING® TIRES

Touring Car Tires include **Slicks** (4435), semi-slick, 24 mm **Advan Neova AD07s** (4421), **Vintage Racing** (4793, 4797), **Vintage Slick** (4791-92) and **Vintage Drift** (4794, 4798) tires. Radials include **X-Patterns** (4495, 4790) and **V-Groove Super Radials** (4540). HPI's selection also includes tires for: trucks (4451-4464, 4852-4860); monster trucks (4484-4892, 4896, 82002); rally (4467-4470); drift cars (4402, 4406, 4422-25); the Baja 5B (4831, 4834-4846); and belted slicks for Super Nitro vehicles (4590). **Inner Foams** (4676, 4807-18) add strength and support for cornering at top speeds. **Belted tires** (4435, 4495) provide maximum tire-to-track contact during acceleration by preventing expansion due to friction. **All T = medium; Super = soft; Pro = super soft.**



	Retail	Tower
HPIC4402 4402 Super Drift Tire 26mm Radial A Type	17.00	15.99
HPIC4405 4405 T-Grip Tire 26mm	10.00	9.39
HPIC4406 4406 T-Drift Tire 26mm	10.00	9.39
HPIC4411 4411 Ground Assault Tire S Compound	25.00	22.59
HPIC4412 4412 Sand Thruover Tire D Compound 2.2"	20.00	17.99
HPIC4421 4421 Advan Neova AD07 T-Drift Tire 26mm	14.00	12.99
HPIC4422 4422 Proxes R1R T-Drift Tire 26mm	14.00	12.99
HPIC4423 4423 Potenza RE-01R T-Drift Tire 26mm	14.00	12.99
HPIC4424 4424 Direzza Sport 21 T-Drift Tire 26mm	14.00	12.99
HPIC4425 4425 Falken Azenis RT615 T-Drift Tire 26mm	14.00	12.99
HPIC4435 4435 26mm Racing Slick Belted Tires	16.00	12.99
HPIC4437 4437 Desert Buster Radial Tire HD Comp ST	40.00	34.99
HPIC4440 4440 Desert Buster Arrow Tire HD Comp ST	40.00	34.99
HPIC4450 4450 V-Groove Tires 2.2"	17.99	11.99
HPIC4451 4451 V-Groove Tires M Compound	13.00	11.99
HPIC4456 4456 Yokohama Geolandar M/T Tire S	15.00	13.99
HPIC4457 4457 Sand Runner Tire D Compound 2.2"	13.00	11.99
HPIC4462 4462 GT Tire S 160x88mm Savage X	30.00	26.99
HPIC4464 4464 GT Tire S Compound Savage 21	25.00	21.99
HPIC4465 4465 Terra-Pin Tires S-Compound 170x85mm	40.00	34.99
HPIC4467 4467 Pirelli T Rally Tire 26mm D Compound	10.00	9.39
HPIC4468 4468 Pirelli T Rally Tire 26mm S Compound	12.00	10.99
HPIC4470 4470 Rally M Compound	7.00	6.69
HPIC4477 4477 Brama Digger Tire 35mm	12.00	11.19
HPIC4490 4490 26mm X-Pattern Radials	14.00	10.99
HPIC4495 4495 X-Pattern Belted Radial 26mm	15.50	13.99
HPIC4512 4512 M Compound Radial Tires	12.00	10.99
HPIC4540 4540 V-Groove Super Radial	13.00	11.99
HPIC4590 4590 Racing Slick M Compound	12.00	8.59
HPIC4676 4676 Inner Foam Medium 26mm	2.50	2.39
HPIC4790 4790 X-Pattern Tire 26mm D Compound	11.00	10.29
HPIC4791 4791 Vintage Slick 26mm Tire	13.00	11.99
HPIC4792 4792 Vintage Slick 31mm Tire	14.00	12.99
HPIC4793 4793 Vintage Racing Tire 26mm D Compound	13.00	11.99
HPIC4794 4794 Vintage Drift Tire 26mm Type B	12.00	11.19
HPIC4797 4797 Vintage Racing Tire 31mm D Compound	14.00	12.99
HPIC4798 4798 Vintage Drift Tire 31mm Type B	12.00	11.19
HPIC4807 4807 Molded Inner Foam MS 170x60mm	42.00	35.99
HPIC4812 4812 Molded Inner Foam MS 170x80mm Baja	45.00	38.99
HPIC4818 4818 Molded Inner Foam MS 190x70mm ST	45.00	38.99
HPIC4831 4831 Dirt Buster Rib Tire M Compound 170x60	37.00	32.99
HPIC4834 4834 Dirt Buster Block Tire S Compound	37.00	32.99
HPIC4837 4837 Tarmac Buster Tire M Compound 170x60mm	37.00	32.99
HPIC4840 4840 Tarmac Buster Tire M Compound 170x80mm	37.00	32.99
HPIC4843 4843 Sand Buster Rib Tire M Compound	37.00	32.99
HPIC4846 4846 Sand Buster Paddle Tire M Compound	37.00	32.99
HPIC4849 4849 Dirt Buster Block Tire H Comp 170x60mm	37.00	32.99
HPIC4852 4852 Dirt Bonz Tire S Compound	27.00	20.99
HPIC4853 4853 Dirt Bonz Tire XS Compound Svr/T-Maxx	32.00	28.99
HPIC4863 4863 Dirt Bonz Tire S Compound	15.00	14.99
HPIC4874 4874 Dirt Claws Tire	30.00	26.99
HPIC4878 4878 Super Mudders Tire 165x88mm	30.00	26.99
HPIC4892 4892 Aggressors Tire S Compound Hellfire	33.00	29.99
HPIC4896 4896 Rock Grabber Tire S 130x55mm/2.2"	35.00	29.99
HPIC8302 82002 Type-Baja Tires 138x70mm	19.00	17.69

## IMEX® TIRES & WHEELS

Hop up your monster truck with **Jumbo Kongs** (7501) – the king of R/C tires! Compatible with the HPI® Savage™, the Traxxas® T-Maxx™/E-Maxx™ and more, the set includes four tires, four diamond chrome wheels and four foam inserts. Other choices include **26mm Front/30mm Rear Foam Tires** (7600) on 5-spoke chrome wheels, **Wide Baja** (7459) tires for the Traxxas Jato® and **Medium Baja** tires for the T-Maxx. **7501 and 7600 sold in sets of 4; all others sold in pairs.**



IMXC7025 7025 BEY Chrome Silver Rims 2.8 Rear Jato	10.00	9.39
IMXC7042 7042 Dish Chrome Silver 2.8 Rear Jato	10.00	9.39
IMXC7403 7403 Baja Tire Medium	29.99	26.99
IMXC7458 7458 A1 T Wide Tire 2.8	20.00	14.99
IMXC7459 7459 Baja Wide Tire 2.8	20.00	14.99
IMXC7461 7461 Skull N Bones Tire Medium 2.8 Jato	15.00	10.99
IMXC7463 7463 Road Runner Tire Medium 2.8 Jato	15.00	10.99
IMXC7469 7469 H Square Tire Medium 2.8 Jato	15.00	10.99
IMXC7501 7501 Jumbo Kong Set w/Diamond Rims (4)	129.99	79.99
IMXC7575 7575 Claw Dawg Tire 2.2	20.00	13.99
IMXC7600 7600 Foam Tires w/Chrome Rims (4)	32.99	24.99

## INTEGY TIRES & ACCESSORIES

The **Scorpion Tire Truer 2** (2717) makes truing easy! Features a low-current, high-torque motor and a lockable, foam-lined aluminum carrying case. Requires a 12V battery or 12V DC power supply and wheel adapters. Other choices include 5-spoke, silver aluminum **Billet Type 1** (T8076-77) wheels for the Traxxas® Stampede® and Rustler® and the **Type IV/Crawler** (C22840BLACK) set with anodized beadlock wheels, Crawler tires and foam inserts. **All tires/wheels sold in pairs unless noted otherwise.**



	Retail	Tower
INTC2407 T6817 Orange Fr Beadlock Ring Baja 5B	15.99	14.99
INTC2408 T6818 Orange Re Beadlock Ring Baja 5B	15.99	14.99
INTC2908 2717 Scorpion Tire Truer 2 w/Carry Box	189.99	157.99
INTC3802 C22840 Black Type IV Whl 17mm/Crawler Tire	69.99	58.99
INTC5373 C22792 Gun Alloy 5-Spoke Wheel F350 (4)	39.99	35.99
INTC5377 C22793 Silver Alloy 8H Whl/Tamiya F350 (4)	42.99	35.99
INTC6541 T6885 Silver Type II F/R Beadlock Ring 5B	16.99	15.99
INTC7373 C22869 Black M/T/Truggy/Climb Whl-Tire 17mm	29.99	26.99
INTC7809 T8076 Silver Billet Type 1 Front Wheel	49.99	42.99
INTC7809 T8077 Silver Billet Type 1 Re Whl Stampede	49.99	42.99

## JACO TIRES & WHEELS

Hop up your Traxxas® Stampede®, Rustler® and more with long-lasting 1/10 scale **Front and Rear Tire & Wheel Sets** (2020-2050)! **Prism Tire & Wheel Sets** (2735-2930) for 1/12 scale on-road are available in various compounds. **Rubberz** (2428, 2432) offer world-class performance for 1/10 scale racing. For regular 1/10 scale racing, select low-profile **Prism** (6135) tires or **Nitro Shoes** (3035P) for 1/10 scale nitro touring cars. All choices come mounted on 6-spoke white rims. **Rubberz sold in sets of four. All others sold in pairs.**



	Retail	Tower
JACC2020 2020 1/10 Fr Tire/Whl Jato/Stmpd/Rstr/Sprt	32.00	28.99
JACC2030 2030 1/10 Fr Tire/Whl Rustler/XL/Stnd VXL	32.00	28.99
JACC2040 2040 1/10 Rear Tire/Whl Jato/Stmpd/Rstr	32.00	28.99
JACC2050 2050 1/10 Rear Tire/Whl Rustl VXL/Stmpd	32.00	28.99
JACC2428 2428 1/10 Rubber Sedan Tire/Wheel Green	45.00	32.99
JACC2432 2432 1/10 Rubber Sedan Tire/Wheel Blue	45.00	32.99
JACC2735 2735 1/12 Prism Wheel/Tire Front Bk Pink	16.00	13.99
JACC2740 2740 1/12 Prism Wheel/Tire Front Purple	16.00	13.99
JACC2830 2830 1/12 Prism Wheel/Tire Rear Yellow	16.00	12.99
JACC2930 2930 1/12 Prism Wheel/Tire Rear Pink	18.00	12.99
JACC5235 3035P 1/10 Nitro Shoes Foam 5 Shore Front	18.00	16.79
JACC6135 6135 1/10 Prism Tire Double Pink	18.00	12.99

## JCONCEPTS 1/10 TIRES & WHEELS

**Double Dee's 2.2 Truck Tires** (3002-02, 3003-02, 3006-02) feature aggressive Double Dee lug technology, firm foam inserts and a compact body with crisp tread and separation. **Rulux** (3306, 3306Y, 3313) wheels have a race-inspired design that's perfect for Associated RC10 series vehicles. 2.2" dia. **Bar Codes** tires provide enhanced support for buggies (3016-01, 3016-05) and trucks (3021-01, 3021-05). **Tires and inserts sold in pairs; wheels sold in sets of four.**



	Retail	Tower
JCO3002 3002-02 Double Dee's Re Bx Tire Green 2.2	15.00	13.99
JCO3003 3003-02 Double Dee's 4wd Fr Tire Green 2.2	14.50	13.99
JCO3006 3006-02 Double Dee's Truck Tire Green 2.2	21.50	18.99
JCO3015 3015-02 Goose Bumps Re Buggy Tire Green 2.2	15.00	11.29
JCO3016 3015-02 Goose Bumps 4WD Fr Tire Green 2.2	14.50	10.99
JCO3100 3016-01 Bar Codes 2.2 Rear Buggy Blue	15.00	13.99
JCO3151 3016-05 Bar Codes 2.2 Fr Re Buggy Tire Gold	15.00	13.99
JCO3156 3021-01 Bar Codes 2.2 Truck Tire Blue	21.50	18.99
JCO3158 3021-05 Bar Codes 2.2 Truck Tire Gold	21.50	18.99
JCO3170 3028-01 Carvers Truck Tire 2.2 Blue	21.50	18.99
JCO3195 3015-02 Rock Crawler Tire Green w/Foam 2.2	24.00	18.00
JCO3306 3306 Rulux 1/10 RC10B4 Re Wheel White (4)	13.00	11.19
JCO3308 3306Y Rulux 1/10 RC10B4 Re Wheel Yellow (4)	13.00	11.19
JCO3321 3313 Rulux 1/10 T4/GT2 Quick Chg Re Whl Whit	17.00	15.69

## MAXIMIZER PRODUCTS BEADLOCKS

Maximizer Products' beadlock wheels combine technical expertise with race-proven designs. All are designed for 3.2" monster truck tires and come with light, stiff rings, which lock in the bead without glue. **X-75 Wheels** (1301) with 14 mm hex and 3/4" offset increase the stance of your truck by 1-1/2" overall. **Zero Offset 12-Spoke Wheels** (1721) and **1/2" Offset Wheels** (1731) both have a 17 mm hex drive and are available in black. **Sold in pairs.**



MAXC1301	1301 X-75 Beadlock 8-Spoke Black w/14mm Hex	34.95	28.99
MAXC1721	1721 0 Offset 12-Spoke Beadlocks Black 17mm	31.95	27.99
MAXC1731	1731 1/2" Offset 17mm Beadlocks Black	31.95	27.99



## OFNA TIRES & ACCESSORIES

Ofna has the 1/8 scale tires and wheels you want, for an affordable price! Choices are available for on-road (82033, 86052, 86053, 82033, 86504), on/off road buggies (86501) and a mounted tire/wheel set for on-road (86509). **12V DC Hand Tire Truer** (20002) features an aluminum case, forward/auto mode and reverse operation. Requires 12V power supply or 12V battery. **All tires and wheels sold in pairs.**



		Retail	Tower
OFNOC2052	20002 Tire Truer Hand Turn.....	179.95	119.99
OFNOC8052	86052 1/8 Tire Treaded w/o Belt.....	19.95	18.99
OFNOC8053	86053 Street Tire w/Belt.....	35.95	31.99
OFNOC8233	82033 Foam Wheel Trued 17mm Blue.....	29.95	26.99
OFNOC8651	86501 Excel Tire Mounted 17mm White.....	29.95	26.99
OFNOC8654	86504 Slick Tire Mounted 17mm White.....	29.95	26.99
OFNOC8655	86505 Treaded Tire Mounted 17mm White.....	29.95	26.99
OFNOC8659	86509 Front Tires w/Insert F-1.....	29.95	26.99

## PANTHER TIRES

Panther tires claw their way through dirt and rocks to keep your ride racing! **Cougar** rock crawler tires are available in a 2.2" size without foam inserts (T485SX) and in 2" sizes with soft (T485S) and memory foam (T485SM) inserts. Firm **Paddle** (T470F) tires for 1/10 scale trucks are great for use on sand or mud. Includes foam inserts. **Memory Foams** (F401) also available for 2.2" rock crawlers. **All sold in pairs.**



PAHC1225	T470F Paddle Firm Truck Tire.....	19.95	14.79
PAHC1236	T485SX 2.2 Cougar Rock Crawler Soft No Foam.....	16.00	14.99
PAHC2005	T485S Cougar Rock Crawler Soft Foam.....	21.00	15.99
PAHC2015	T485SM Cougar Rock Crawler Memory Foam.....	21.00	15.99
PAHC2035	F401 Rock Crawler Memory Foams.....	7.95	7.59

## PARMA TIRES

Keep your 1/10 scale touring car on track — put on a Parma! Choose from **Pro 53 Magenta Tires** with stiff, white dish-style wheels or **GoodTime Tires** for **Front or Rear** mounted on 6-spoke chrome wheels. Compatible with popular racers like the Associated 10L and Parma's GoodTime series, all are made from trued foam rubber for superior performance. **All sold in pairs.**



PARC7013	17013 GoodTime Front Tire/Wheel Chrome.....	18.99	17.69
PARC7109	17109 GoodTime Rear Tire/Wheel Chrome.....	25.99	23.39
PARC3613	16501 Pro 53 Tires Magenta.....	18.00	16.79

## PEGASUS HOBBIES 1/10 SCALE WIRE RIMS

One of the hottest looks for full-size touring cars is wire spoke rims. Now your 1/10 scale touring car can have that same great look, too, thanks to these eye-catching wire rims from Pegasus! Available in **Chrome** (3001) or **Gold** (3002), these sturdy plastic wheels fit any touring car that uses a standard 12 mm hex drive washer. **Sold in pairs.**



PGHC3001	3001 Pegasus Chrome Wire Rims.....	9.99	9.49
PGHC3002	3002 Pegasus Gold Wire Rims.....	9.99	9.49

## RJ SPEED TIRES & WHEELS

• **Become a legend with RJ Speed!**

Turn your driveway into a raceway, thanks to RJ Speed tires and wheels! Choose from **1-1/2" Wide Rear, and Front or Rear Legends Spec** sets. All include black foam tires and black plastic wheels. **All sold in pairs.**



RJSC2510	2510 1 1/2 Wide Rear Tires Drag Kit.....	23.99	21.59
RJSC2520	2520 Legends Spec Front Tires.....	23.99	21.59
RJSC2530	2530 Legends Spec Rear Tires.....	25.99	23.39

## RPM CAMBER GAUGES

RPM's camber gauges measure camber settings in one degree increments and can be adjusted up to ten degrees positive or negative. A lock knob holds the gauge setting to allow for more precise camber adjustments. **70992** measures tires with a belly height of up to 4.5". Use **70950** with monster truck tires.



RPMC7095	70950 Monster Camber Gauge.....	11.95	10.99
RPMC7099	70992 Camber Gauge.....	9.95	9.49

## RPM 1/10 SCALE RIMS

They're lighter than anything else on track, yet backed by RPM's strong "no break" guarantee! Flow-through designs let dirt escape before it can affect handling. Choose from **Revolver 2.2** rims in **Black** (82052, 82062) for the Traxxas® Rustler® and Stampede®, in **Chrome** (82063, 82302, 82303) for the RS-4MT and various Traxxas vehicles, **Revolver 3.2** rims for the HPI® Savage™ and T-Maxx®/E-Maxx™ and blue chrome **Clawz** (81745, 81775) for the Rustler and Stampede. See [www.towerhobbies.com](http://www.towerhobbies.com) for full details. **All sold in pairs.**



RPMC0152	82052 Rear Revolver 2.2 Black Rstr/Strmpd.....	7.95	7.59
RPMC0153	82062 Front Revolver 2.2 Black Rstr/Strmpd.....	7.95	7.59
RPMC2063	82063 Revolver 2.2" TRA Elec Fr/Nitro Rear.....	9.95	9.49
RPMC8214	81745 Clawz Rear Blue Chrome.....	10.95	10.19
RPMC8215	81775 Clawz Front Blue Chrome.....	10.95	10.19
RPMC9002	82302 Revolver MT Stablemaxx 17mm Black.....	12.95	11.99
RPMC9003	82303 Revolver MT Stablemaxx 17mm Chrm.....	16.95	15.79
RPMC9073	82273 Revolver 3.2" MT Wheel 14mm Chrm.....	16.95	15.79

## TAMIYA TIRES & WHEELS

Our Tamiya selection is vast, but our space is small. See [www.towerhobbies.com](http://www.towerhobbies.com) for additional listings. Choices include: **Truck Aluminum Wheels** (56508, 56509) for Tamiya's 1/14 scale semi masterpieces with long-haul rubber and hubcaps as well as **Super Grip Radial Tires** (53254) for M-Chassis vehicles. **Drift Tire/Wheel Sets** include 51219, 53959 and 53960. **All sold in pairs except 51263 and 9400462.**



TAMC1129	51219 Drift Tires Type D & Wheels.....	17.00	15.99
TAMC1249	9400462 Tires 58372.....	27.00	24.39
TAMC1311	9805033 Front Tires 58016.....	6.00	5.79
TAMC1312	9805034 Rear Tires 58034.....	9.00	8.59
TAMC1347	9805081 Rear Tires 58346.....	10.50	9.79
TAMC1499	53959 Metal-Plated Mesh Wheel w/Tire.....	17.00	15.99
TAMC1500	53960 6-Spoke Metal Mesh Wheel w/Tire.....	17.00	15.99
TAMC2163	51263 Wheel 26mm/Offset 4mm Ferrari FXK.....	10.50	9.79
TAMC2331	51233 Wheels CR01 Toyota.....	12.50	11.69
TAMC3375	50419 Racing Radial Tire Set 62.....	9.25	8.79
TAMC4476	50476 Rally Block Tire Set 62.....	9.50	8.99
TAMC5254	53254 M-Chassis 60D Super Grip Tire.....	14.00	12.99
TAMC5374	50374 Monster Spike Tires.....	14.00	12.99
TAMC5540	53340 60D Reinforced Tires A.....	17.50	16.29
TAMC6501	9805226 Tire V-Tread 2" 58065/89.....	32.00	28.99
TAMC6502	0555026 Wheels Cloud Buster.....	8.00	7.69
TAMC9056	56509 Truck Aluminum Front Wheels.....	59.00	48.99
TAMC9057	56508 Truck Aluminum Front Wheels.....	59.00	48.99

## TRAXXAS® 1/10 SCALE TIRES & WHEELS

Whether you run on dirt, grass, gravel or asphalt, Traxxas has you covered! Choose from **Tires, Wheels** and assembled **Tire & Wheel Sets** for some of Traxxas' most popular vehicles, such as the T-Maxx®/E-Maxx™, the Slash™, the Slayer™, the Revo™, the Jato™ and the Rustler™. See [www.towerhobbies.com](http://www.towerhobbies.com) for complete details. **All sold in pairs unless otherwise noted.**



		Retail	Tower
TRAC3480	2478R Re Mntd Anaconda/Tracer Bandit.....	26.00	23.49
TRAC3481	2479R Fr Mntd Anaconda/Tracer Bandit.....	23.00	20.79
TRAC3482	2479A Tires & Whls Assembled Bandit Rear.....	27.00	24.39
TRAC3483	2479A Tires & Whls Assembled Bandit Front.....	24.00	21.69
TRAC3668	3668 Talon/All-Star Whl R 2.8 Stampede.....	30.00	26.99
TRAC3669	3669 Talon Tire/All-Star Whl Fr Stampede.....	30.00	26.99
TRAC3671	3671 Talon Tires w/Inserts 2.8".....	20.00	17.99
TRAC3672	3672 Rear Chrome Wheels Rustler.....	6.00	5.79
TRAC3673	3673 Front Chrome Wheels Rustler.....	6.00	5.79
TRAC3679	3669A Tires & Whls Assembled Stampede Fr.....	31.00	27.99
TRAC3680	3668A Tires & Whls Assembled Stampede R.....	31.00	27.99
TRAC3717	3770A Tires & Whls Assembled Elec Re.....	31.00	27.99
TRAC3770	3770 Alias Tire/All-Star Wheel Rear 2.8.....	30.00	26.99
TRAC3773	3773A Tires & Whls Assembled Elec Re.....	33.00	29.99
TRAC3775	3773 Chrome All-Star Whls Anaconda Tires.....	32.00	28.99
TRAC3776	3776A Tires/Whls Assn Nitro Re/Elec Fr.....	33.00	29.99
TRAC3777	3777A Black All-Star Whls Anaconda Tires.....	33.00	29.99
TRAC4172	4172 Rear Wheel Chrome Nitro Rustler.....	7.00	6.69
TRAC4873	4873 Mntd Protrax Directional Tires (4).....	40.00	34.99
TRAC4974	4973 Tires T-Maxx 3.3 3.8".....	32.00	28.99
TRAC4976	4973R Tires/Wheels T-Maxx 3.3.....	41.00	34.99
TRAC5173	5173 Tires/Wheels Assembled Maxx/Revo.....	39.00	34.99
TRAC5174	5174A Talon Tire/Wheel 3.8 Maxx/Revo.....	39.00	34.99
TRAC5370	5370 Talon Tires/Inserts 3.8" Revo.....	30.00	26.99
TRAC5371	5371A Talon Tires/Gemini Assembled.....	39.00	29.99
TRAC5569	5569 Alias Tires 2.8" w/Inserts.....	20.00	17.99
TRAC5576	5576R Tires & Wheels Rear Jato 3.3.....	32.00	28.99
TRAC5577	5577R Tires & Wheels Front Jato 3.3.....	32.00	28.99
TRAC5870	1870 Truck Tires.....	16.00	14.99
TRAC5875	5875 Tires/Whls Assembled Front Slash.....	25.00	22.59
TRAC5877	5873 Tires/Whls Assembled Rear Slash.....	25.00	22.59
TRAC5973	5973 Tires & Wheels Assembled Slayer.....	25.00	22.59
TRAC6372	5372A Gemini 3.8 Whls Black Chrm E-Revo.....	12.00	11.19
TRAC6374	5374A Tires/Whls Gemini Black Chrm E-Revo.....	40.00	34.99
TRAC6375	5375 Tires Response Pro 3.8" Foam Inserts.....	32.00	28.99
TRAC6376	5376R Tires & Wheels Assembled Glued.....	47.00	38.99
TRAC7470	5470 SportTraxx 3.8 Tires w/Insert.....	35.00	29.99
TRAC7471	5471 Response Racing Sport Compd 3.8 Tires.....	30.00	26.99
TRAC7573	5573 Rear Tires & Whls Assembled Jato.....	28.00	25.29
TRAC7575	5575 Fr Tires & Whls Assembled Jato.....	28.00	25.29
TRAC7578	5578 Anaconda Tires w/Inserts Jato 3.3.....	20.00	17.99
TRAC7972	1972 Lite Wheels 2.2 Truck Rear Dyeable.....	5.00	4.79
TRAC9074	3674 Nylon Wheels 2.2 Rear.....	4.00	3.89
TRAC9075	3675 Nylon Wheels 2.2 Front.....	4.00	3.89
TRAC9771	5171 Tires 3.8" Revo/T-Maxx.....	30.00	26.99
TRAC9774	5174 Tires/Whls Assn SS Chrm Revo/Maxx.....	39.00	34.99
TRAC9775	5174R Tires/Whls Assembled 5308.....	39.00	34.99

## TRINITY® MEMORY FOAM INSERTS

Genius Memory Foam Inserts from Team Trinity provide the firmness and complete control your rock crawler needs to keep on crushing! They allow the tire to conform to jagged rocks, providing maximum climbing traction. Available in **Soft** and **Super Soft**.



TRIC4310	TRI43110 Memory Foam Inserts Super Soft.....	8.50	7.99
TRIC4311	TRI43111 Memory Foam Inserts Soft.....	8.50	7.99

## VENOM™ RACING 1/8 GPV-1 TIRES & INSERTS

Ride in style with these assorted tires and inserts for the GPV-1 RTR! Choose from soft **V1** (1167V1, 1168V1), medium **V3** (1167V3, 1168V3), hard **V5** (1167V5, 1168V5) and medium **Inserts** (1176M, 1177M). All are available for front or rear. **All sold in pairs.**



VNRC0967	1167V5 Front Tire V5 Hard GPV1.....	4.99	4.79
VNRC0968	1168V5 Rear Tire V5 Hard GPV1.....	4.99	4.79
VNRC1167	1167V1 Front Tire V1 Soft GPV-1.....	4.99	4.79
VNRC1168	1168V1 Rear Tire V1 Soft GPV-1.....	4.99	4.79
VNRC1176	1176M Front Tire Insert Med GPV1.....	2.99	2.89
VNRC1177	1177M Rear Tire Insert Med GPV1.....	2.99	2.89
VNRC9967	1167V3 Front Tire V3 Medium GPV-1.....	4.99	4.79
VNRC9968	1168V3 Rear Tire V3 Medium GPV-1.....	4.99	4.79



# CAR & TRUCK ELECTRIC MOTORS



## POWER SHOT™ MOTOR SPRAY

Power Shot now has an improved, even more environmentally friendly formula — that's still packed with crud-cracking muscle! It sprays on, evaporates quickly and leaves no residue. Great for motors and bearings, safe for Lexan® and most plastics. 12 oz.



## VR3 ULTRA HIGH RPM 380 MOTOR

Drop this easy upgrade motor into your DuraTrax Vendetta™ buggy and get the extra punch you need to reach the top! The VR3 Ultra High RPM motor includes attached leads with yellow 2-pin connector.



## PHOTON SPEED™ MOTORS

Both are 20-turn, single winds for 6-7 cell power and 1/10 scale cars, buggies and trucks. Save with the closed-endbell **Photon Speed 2** — enjoy higher power and replaceable brushes and springs with the open-endbell **Photon Speed**.



Photon Speed Motor

Stock #	Description	Tower
DTXC2458	Power Shot Motor Spray 12 oz.	\$5.99

Stock #	Description	Tower
DTXC3309	VR3 Ultra High RPM 380	\$15.99

Stock #	Description	Tower
DTXC3300	Photon Speed Motor.....	\$16.99
DTXC3301	Photon Speed 2 Motor.....	11.99



## MOTOR TOOLS & ACCESSORIES

**Muchmore...for motors, maintenance and tuning!**

Muchmore is the name to know in top-quality motor accessories! With the DC-only **Motor Master Platinum**, you can break in any 1/24, 1/18, 1/12 or 1/10 scale motor automatically in Break-in Mode, and then consult a white back-lit LCD for data stored in 20-run memory — including amp and peak amp draw, rpm, voltage and run time. Two rpm sensors are included.

Connecting the **Thermoelectric Motor Cooler** to 12V DC current turns it into a motor-cooling heat pump. Ready for installation, bearing-equipped **Motor/ESC Cooling Fans** boost performance through better cooling. **Ultra-Hi RPM** versions increase airflow volume. **Speed Cleaner 3 Motor Cleaning Spray** for engines, tires, motors, bodies and more is charged with carbon-dioxide to eliminate moisture worries. Apply a few drops of **Comm Drop** to your motor's commutator before each run to increase rpm and keep it clean.

Stock #	Description	Retail	Tower
MMRC3000	Motor Master Platinum.....	\$249.99	\$159.99
MMRC3010	Thermoelectric Motor Cooler Black.....	109.99	64.99
MMRC3011	Thermoelectric Motor Cooler Blue.....	109.99	69.99
MMRC3040	Motor/ESC Cooling Fan 30x30mm.....	9.99	8.99
MMRC3041	Motor/ESC Cooling Fan 25x25mm.....	9.99	8.99
MMRC3042	Motor/ESC Ultra-Hi rpm Cooling Fan 25x25mm.....	12.99	10.99
MMRC3043	Motor/ESC Ultra-Hi rpm Cooling Fan 30x30mm.....	12.99	10.99
MMRC3500	Speed Cleaner 3 Motor Cleaning Spray.....	10.99	9.99
MMRC3508	Comm Drop 20ml.....	11.99	9.99



Speed Cleaner 3 Motor Cleaning Spray

Motor Master Platinum

Thermoelectric Motor Cooler (Black)



## Electronic Motor Accessories

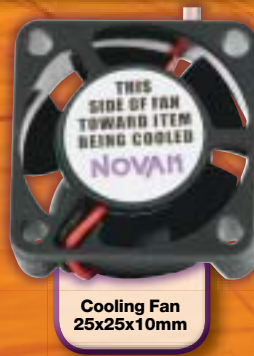
Get connected the right way, with silicone **Wire Sets**, available in 12AWG, 14AWG and 16AWG in 3' lengths. Smaller, more flexible 16 gauge brushless wire limits power flow to the motor in off-road and 1/12 on-road vehicles, to keep the rear pod from binding up. Choose from great accessories such as the **HV Brushless Heat Sink**, **Velociti Motor Sleeve Heat Sink** and **Cooling Fan** to keep temps down and motors running longer and more efficiently.



14 Gauge Silicone Wire 3' Black/3' Red



540 BL Motor Cooling Kit Blue



Cooling Fan 25x25x10mm

### Silicone Wire Sets

NOVC5500	14 Gauge Silicone Wire 3' Black/3' Red.....	\$9.99
NOVC5508	Brushless 14GA Silicone Wire Set (10).....	13.79
NOVC5509	Brushless 16GA Silicone Wire Set (10).....	11.99
NOVC5510	16 Gauge Wire 3' Black/3' Red.....	8.59
NOVC5530	Super-Flex Silicone 12 Wire Black & Red 3'...	13.79

### Motor Cooling Accessories

NOVC5412	HV Brushless Motor Heat Sink.....	13.79
NOVC5413	Velociti Motor Sleeve Heat Sink Black.....	18.39
NOVC5414	Velociti Motor Sleeve Heat Sink Purple.....	18.39
NOVC5415	Velociti Motor Sleeve Heat Sink Blue.....	18.39
NOVC5416	540 BL Motor Cooling Kit Black.....	26.29
NOVC5417	540 BL Motor Cooling Kit Purple.....	26.29
NOVC5418	540 BL Motor Cooling Kit Blue.....	26.29
NOVC5644	Black Cooling Fan 40x40x10mm w/Harness.....	16.59
NOVC5647	Cooling Fan 25x25x10mm.....	13.79
NOVC5648	Cooling Fan 30x30x6mm Clear (1).....	15.59
NOVC5651	Cooling Fan 25x25x10mm (2).....	21.99
NOVC5652	Cooling Fan 30x30x6mm Clear (2).....	24.99





## Brushless Motors

Hand-wound, U.S.A.-made (with globally sourced parts) Novak motors feature sensor-based designs for top performance with virtually no maintenance — and approximately 20% longer run time than brushed motors.

**Crawler Sintered Brushless Motors** offer superb low-speed control, smooth acceleration and massive, on-demand torque for taming the most treacherous terrain. The sintered rotor means stronger motor braking power and improved performance in higher temperature conditions. Brushless goes ballistic with the **Ballistic** series of electric power plants. Heavy-duty solder tabs endure repeated soldering and high-impact crashes, and the timing assembly is easy to adjust. The 12.3 mm nickel-plated Neodymium rotor delivers maximum acceleration and braking power.

That same Neodymium rotor can also be found on **SS Pro Series** motors, which makes them ROAR-legal. Lightweight, ribbed aluminum end bells act as heat sinks for better cooling. For the ultimate in sideways thrills, equip your ride with the **Drift Spec Brushless 6.5T** motor.

### SS PRO BRUSHLESS MOTOR SPECS

STOCK #	TURNS	WATTS	KV	MAGNET	SHAFT	TOWER
NOVC3408	8.5	280	5,000	Sintered	1/8"	✓ \$79.99
NOVC3410	10.5	235	4,200	Sintered	1/8"	✓ 79.99
NOVC3413	13.5	195	3,300	Sintered	1/8"	✓ 79.99
NOVC3417	17.5	130	2,200	Sintered	1/8"	✓ 79.99
NOVC3421	21.5	85	1,800	Sintered	1/8"	✓ 79.99

### THREE-80 MICRO BRUSHLESS MOTOR SPECS

STOCK #	TURNS	WATTS	KV	MAGNET	SHAFT	TOWER
NOVC3450	8.5	210	9,000	Sintered	1/8"	✓ \$69.99
NOVC3451	10.5	165	7,300	Sintered	1/8"	✓ 69.99
NOVC3452	13.5	125	6,000	Sintered	1/8"	✓ 69.99

### CRAWLER BRUSHLESS MOTOR SPECS

STOCK #	TURNS	WATTS	KV	MAGNET	SHAFT	TOWER
NOVC3414	13.5	195	3,300	Sintered	1/8"	✓ \$79.99
NOVC3419	18.5	119	2,700	Sintered	1/8"	✓ 79.99
NOVC3420	21.5	85	1,800	Sintered	1/8"	✓ 79.99

### HV HIGH-VOLTAGE BRUSHLESS MOTOR SPECS

STOCK #	TURNS	WATTS	KV	MAGNET	SHAFT	TOWER
NOVC3525	5.5	800	3,700	Sintered	5mm	\$109.99
NOVC3526	6.5	730	3,400	Sintered	5mm	109.99
NOVC3527	7.5	620	3,000	Sintered	5mm	109.99

### DRIFT SPEC BRUSHLESS MOTOR SPECS

STOCK #	TURNS	WATTS	KV	MAGNET	SHAFT	TOWER
NOVC3466	6.5	370	5,700	Sintered	1/8"	✓ \$82.99

### BALLISTIC BRUSHLESS MOTOR SPECS

STOCK #	TURNS	WATTS	KV	MAGNET	SHAFT	TOWER
NOVC3603	3.5	620	10,500	Sintered	1/8"	✓ \$89.99
NOVC3604	4.5	530	9,000	Sintered	1/8"	✓ 89.99
NOVC3605	5.5	420	7,400	Sintered	1/8"	✓ 89.99
NOVC3606	6.5	390	6,400	Sintered	1/8"	✓ 89.99
NOVC3607	7.5	340	5,800	Sintered	1/8"	✓ 89.99
NOVC3608	8.5	280	5,000	Sintered	1/8"	✓ 89.99
NOVC3610	10.5	235	4,200	Sintered	1/8"	✓ 89.99
NOVC3613	13.5	195	3,300	Sintered	1/8"	✓ 89.99
NOVC3617	17.5	130	2,200	Sintered	1/8"	✓ 89.99
NOVC3621	21.5	85	1,800	Sintered	1/8"	✓ 89.99



Ballistic



Crawler



Drift Spec



SS 17.5 Pro

## 55T & 45T Crawler Brushed Motors

- Precise movement control, exceptional torque and long run times
- Dual ball bearings for a smooth, efficient ride
- Completely rebuildable



NOVC3545	Forty-Five Crawler Brushed Motor.....	✓	26.99
NOVC3555	Fifty-Five Crawler Brushed Motor.....	✓	26.99



# CAR & TRUCK ELECTRIC MOTORS

## ASSOCIATED E-CONVERSION KIT



Convert your nitro-powered RC8, RC8T or SC10 into an exciting electric with this easy-to-use kit! Includes a rigid one-piece motor mount, a raised speed control mounting area with switch-mounting boss, a sealed receiver box, three battery hold-down straps, removable trays and all required hardware. Accepts two ROAR-legal 7.4V LiPo packs! Requires motor, ESC and batteries.

ASCC0930	80930 e-Conversion Kit.....	Retail 129.99	Tower 79.99
----------	-----------------------------	---------------	-------------

## ASSOCIATED MOTORS & BRUSHLESS SYSTEMS

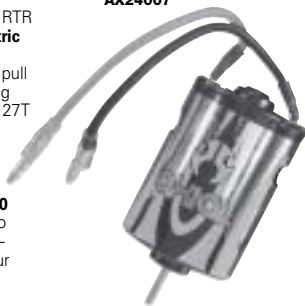
Associated brushless motors require less maintenance, respond faster, last longer and are twice as efficient as brushed motors. **Vector X-11 Stock Spec Motors** offer increased torque and low resistance for controlled stock and spec racing. **Sphere ESC/Vector X-11 Motor** systems for touring cars and **Pro Brushless ESC/Eraser Motor** systems are both ROAR-legal and LiPo-compatible! Brushed choices include the **17T Mini-Mod** and the **13T Flash Point Modified**. Most feature stand-up brushes, machine-wound armatures, installed capacitors, adjustable timing, dual bearings and more!

ASCC0291	291 Mini-Mod 17T Motor.....	✓	47.99	34.99
ASCC0411	411 Flash Modified 13T Double.....	✓	56.99	39.99
ASCC0517	517 Challenger 19T Spec Motor.....	✓	60.00	36.99
ASCC0582	LRP0582 Eraser/Brushless Rvse Dig 13.5T	✓	239.99	142.99
ASCC0583	LRP0583 Eraser/Brushless Pro Reverse Dig 10.5T	✓	289.99	169.99
ASCC0584	LRP0584 Eraser/Brushless Pro Reverse Dig 9.5T	✓	289.99	169.99
ASCC0599	LRP0599 LRP Sphere TC & Vector X-11 4.5T	✓	454.99	269.99
ASCC0601	LRP0601 LRP Sphere TC & Vector X-11 3.5T	✓	474.99	279.99
ASCC0682	LRP0682 Vector X11 9.5 Stock Spec.....	✓	129.00	74.99
ASCC0683	LRP0683 Vector X11 10.5 Stock Spec.....	✓	129.00	74.99
ASCC1210	21210 Super 370 Motor 18 Series.....	✓	11.99	11.19
ASCC3601	LRP0602 X11 3.0T/Sphere Comp TC Spec....	✓	479.99	274.99

## AXIAL® MOTORS

Hop up your AX10 RTR with the **55T Electric Motor!** It provides increased low-end pull and slower crawling speeds than stock 27T motors. Includes bullet connectors. Tear up terrain indoors or out with the **AM27 540 Electric Motor!** No tuning is required – just plug it into your ESC and take off.

AX24007



AXIC2400	AX24004 AM27 540 Electric Motor.....	✓	15.00	13.99
AXIC2407	AX24007 55T Electric Motor.....	✓	18.00	16.79

## BRP MOTOR CAPACITOR KIT



Filter out electric noise with this convenient capacitor kit! Includes three small 0.01uF capacitors and one 1.47uF can capacitor. If using a high-frequency speed control, the 1.47uF can capacitor is not required.

BRPC7110	7110 Motor Capacitor Kit (4).....	✓	3.95	3.79
----------	-----------------------------------	---	------	------

## C&M/TEAM COBRA PRO COM LATHE

Improve performance and increase modified motor life with this anodized aluminum lathe! Accurate to 0.0002" features include an adjustable cutting top, a motor-opposite crank for unsurpassed handling, a wide base for added stability, a diamond cutting tip and stock coms which fit tightly to any stock-style motor. Some assembly required.

C+MC9060	200WD Pro Com Lathe w/Diamond Bit.....	Retail 310.45	Tower 189.99
----------	--	---------------	--------------

## EPIC MOTORSPORTS MOTORS

For high-quality motors, look no further than Epic! ROAR-legal **XX Pro Stock Motor** offers ultra-low internal resistance, an "X" armature for high rpms and 22 AWG copper wire. The **12T Intense Modified** motor features a machine-wound armature, three surface-mounted capacitors, a diamond-tuned comm, adjustable timing, dual bearings, super-strong FB-9 magnets and pure copper brush holders.

EPXC1117	EP1117 Intense Mod Motor 12T Double.....	✓	39.99	29.99
EPXC1167	EP1167 XX Pro Stock Motor w/Ball Bearings✓	✓	59.99	41.99

## HPI RACING® MOTORS & ACCESSORIES

Combining speed, efficiency and ease, the 1/10 scale **Flux Brushless System** includes a Varp 5700Kv brushless motor and a Flux Motiv ESC with reverse.

The **Castle Link™ USB Programming Kit** lets you create custom parameters for any Castle™ Creations ESC. The **45T Modified Micro Motor** for the Micro RS4 includes pre-installed capacitors and a pre-soldered connector. The **Saturn 20T 540** and **14.4V GT 500** are direct drop-in replacements for the Sprint and E-Savage. Safe for electronics and plastics, **Nitro Car Cleaner** quickly cleans and degreases engines.

HPI00151	1151 Flux Brushless System.....	✓	249.00	149.99
HPI00573	100573 Castle Link USB Programming Kit✓	✓	40.00	34.99
HPI01145	1145 GT 550 Motor 14.4V.....	✓	19.00	17.69
HPI04256	1065 Modified Motor 45T Micro RS4.....	✓	25.00	22.59
HPI06136	1136 Saturn 20T Motor 540 Type.....	✓	22.00	19.99
HPI09062	9062 Nitro Car Cleaner 13 oz.....	✓	8.00	7.69

## INTEGY MOTORS & ACCESSORIES

Low-speed, single-wind **Matrix Pro Lathe Motors** are available in turns ranging from 35T through 65T – great for the Super Lathe 3! **Low Profile** and **High Power Cooling Fans** for Novak BL GTB motors feature an aluminum heat sink, drilled holes and an anodized finish. **Twin Motor Cooling Fan & Heat Sink** combos for 540/550 motors are available in six different colors and mount on in a snap! **Gun Metal** and **Blue Super Motor Heat Sink/Cooling Fans** for 540 motors both snap on easily and include a BEC connector.

INTC0045	SCM5501 Matrix Pro Lathe Motor 55T Single✓	✓	27.99	19.99
INTC1201	SCM3501 Matrix Pro Lathe Motor 35T Single✓	✓	27.99	19.99
INTC1211	SCM4501 Matrix Pro Lathe Motor 45T Single✓	✓	27.99	19.99
INTC1221	SCM6501 Matrix Pro Lathe Motor 65T Single✓	✓	19.99	19.99
INTC2445	2958 Low Profile Cooling Fan Kit Novak BL....	✓	29.99	26.99
INTC2446	2959 High Power Cooling Fan Kit Novak BL....	✓	35.99	26.99
INTC2447	2961BLACK Twin Motor Cooling Fan + Heatsink✓	✓	29.99	26.99
INTC2448	2961BLUE Twin Motor Cooling Fan + Heatsink✓	✓	29.99	26.99
INTC2449	2961GOLD Twin Motor Cooling Fan + Heatsink✓	✓	29.99	26.99
INTC2450	2961GUN Twin Motor Cooling Fan + Heatsink✓	✓	29.99	26.99
INTC2451	2961LIGHTBLUE Twin Motor Fan + Heatsink✓	✓	29.99	26.99
INTC2454	2961SILVER Twin Mtr Cooling Fan + Heatsink✓	✓	29.99	26.99
INTG7354	C22470BLUE Blu Spr Mtr Heatsink/Cooling Fan.✓	✓	15.99	14.99
INTG7355	C22470GUN Gun Spr Mtr Heatsink/Cooling Fan.✓	✓	15.99	14.99



SCM5501

## RPM MOTOR WORK STATION

Constructed from bulletproof black nylon, the Motor Work Station holds a standard 540-size motor horizontally or vertically. Great for soldering and maintenance, the Work Station elevates the motor, eliminating the possibility of debris getting pulled into the motor due to air flow and magnetism. This versatile station can also hold 2 motors simultaneously for slave motor break-in.



RPMB8129	81292 Motor Work Station.....	✓	Retail 12.95	Tower 11.99
----------	-------------------------------	---	--------------	-------------

## T.A. EMERALD INDUSTRIES MOTOR CLEANERS

Use **Nitro Clean** to remove grease, grime and residue from nitro R/C cars and trucks, or improve motor performance and efficiency with **Performance Plus-3™ Motor Spray!** Their quick-evaporating formulas leave no residue behind, and both are safe for most plastics and car bodies.



4500

TAEC1050	4000 Performance Plus 3 Motor Spray 13 oz	✓	6.49	6.19
TAEC1055	4500 Nitro Clean 13.5 oz.....	✓	6.99	6.69

## TAMIYA MOTORS



53068

The **RS540 Sport-Tuned Motor** offers low-cost, high-performance power for on- or off-road. It's built for speed, delivering the improved acceleration and higher top speeds that stock silver can motors can't. **23T Super Stock** series motors offer more torque and higher revs than stock. Features blue anodized endbells, terminal heat sink and a detachable chip capacitor. Available in **RZ** for high-speed racing and **BZ** for competition racing. Also available: the **540 Johnson Motor** for basic R/C use and the **Aluminum Motor Heat Sink** for TT-01, TB-01 and TB-EVO III series vehicles.

TAMC1430	53930 Super Stock BZ Motor.....	✓	54.00	44.99
TAMC3068	53068 RS540 Sport Tuned Motor 49/62.....	✓	28.00	25.29
TAMC3097	53697 Super Stock RZ Motor.....	✓	50.00	41.99
TAMC3724	53664 Aluminum Motor Heat Sink TT01.....	✓	12.00	11.19
TAMP4009	53689 R/C 540 Johnson Motor.....	✓	20.00	17.99

## VENOM RACING® MOTORS



1311

Dedicated to reducing prep time and increasing power, rebuildable **Fireball** modifieds arrive with bullet connectors and capacitors already installed! Rock-solid performance features include diamond-trued comms, epoxy-balanced, double-wound armatures, dual bearings and Hi-Power brushes. **Rock Crawler** versions come with these features, too, but they also include a vented alloy heat sink to increase longevity and reduce unwanted build-up.

VNRC1311	1311 Fireball 13T Double.....	✓	21.99	17.99
VNRC1312	1312 Fireball 15T Double.....	✓	28.00	17.59
VNRC1313	1313 Fireball 17T Double.....	✓	21.99	17.59
VNRC1314	1314 Fireball 19T Double.....	✓	21.99	17.59
VNRC1315	1315 Fireball 21T Double.....	✓	21.99	17.59
VNRC1335	1335 Fireball Rock Crawler Motor 50T.....	✓	21.99	17.59
VNRC1336	1336 Fireball Rock Crawler Motor 55T.....	✓	21.99	17.59
VNRC1337	1337 Fireball Rock Crawler Motor 60T.....	✓	21.99	17.59

# GREEN MEANS GO!

Stock #	Description	Retail	Tower
CSEC2042	1/18 CM20/4200kV Motor	✓ \$59.95	\$51.99
CSEC2054	1/18 CM20/5400kV Motor	✓ \$59.95	\$51.99
CSEC2068	1/18 CM20/6800kV Motor	✓ \$59.95	\$51.99
CSEC2080	1/18 CM20/8000kV Motor	✓ \$79.95	\$67.99
CSEC4600	1/10 CM36/4600kV Motor	✓ \$99.00	\$84.99
CSEC5700	1/10 CM36/5700kV Motor	✓ \$99.00	\$84.99
CSEC6900	1/10 CM36/6900kV Motor	✓ \$99.00	\$84.99
CSEC7700	1/10 CM36/7700kV Motor	✓ \$99.00	\$84.99
CSEC9000	1/10 CM36/9000kV Motor	✓ \$99.00	\$84.99
CSEC2200	1/8 Neu-Castle/2200kV Motor	\$199.00	\$169.99
CSEC2650	1/8 Neu-Castle/2650kV Motor	\$199.00	\$169.99



CM20/4200 kV

CM36/4600 kV

NEU/CASTLE 2650 kV

**FOR THE WINDER**  
SPORT POWER SYSTEMS

**MAMBA**  
EXTREME POWER SYSTEMS

**castle**

## TEKIN MOTORS

Sensored/sensorless **Redline T8** brushless motors are designed especially for 1/8 scale buggies (TT2350-54) and truggies (TT2360-64). Features include a CNC-machined aluminum heat sink can and a sintered Neodymium magnet. The ROAR-legal **Redline 17.5T Brushless Motor** delivers the high rpms you need in competition, while the brushed **55T Crawler Motor** is completely rebuildable.

TT2353



TEKIN	TT2353	Retail	Tower
TEK2103	TT2103 FXR ESC Crawler Combo 45T Pro Motor	235.00	149.99
TEK2104	TT2104 FXR ESC Crawler Combo 45T Motor	185.00	114.99
TEK2105	TT2105 FXR ESC Crawler Combo 35T Pro Motor	235.00	149.99
TEK2106	TT2106 FXR ESC Crawler Combo 35T Motor	185.00	114.99
TEK2110	TT2110 Rock Crawler Brushed Motor 55T	45.00	29.99
TEK2251	TT2251 Redline 17.5 BL Motor	129.00	83.99
TEK2350	TT2350 4030 1/8 BL Motor 2D 2650kv	255.00	164.99
TEK2351	TT2351 4030 1/8 BL Motor 2.5D 2050kv	255.00	164.99
TEK2352	TT2352 4030 1/8 BL Motor 1.5V 1900kv	255.00	164.99
TEK2353	TT2353 4030 1/8 BL Motor 3D 1700kv	255.00	164.99
TEK2354	TT2354 4030 1/8 BL Motor 2Y 1400kv	255.00	164.99
TEK2360	TT2360 4038 1/8 BL Motor 1Y 2250kv	255.00	164.99
TEK2361	TT2361 4038 1/8 BL Motor 2D 2000kv	255.00	164.99
TEK2362	TT2362 4038 1/8 BL Motor 2.5D 1700kv	255.00	164.99
TEK2363	TT2363 4038 1/8 BL Motor 1.5V 1550kv	255.00	164.99
TEK2364	TT2364 4038 1/8 BL Motor 3D 1350kv	255.00	164.99

## TEKIN BRUSHLESS MOTOR SYSTEMS

All systems feature programmable ESCs with QuickTune™ set-up and NiCd/NiMH/LiPo and HotWire compatibility. The **Mini Rage 8.0** system for 1/18 scale includes the Mini Rage ESC and a sensorless 8kV motor. Sensorless **RS** and **RS Pro** systems and sensorless/sensorless **Rx8** systems feature a forward/brake/reverse ESC and a race-legal Redline motor.

TT2102



TEKIN	TT2102	Retail	Tower
TEK2102	TT2102 FXR Crawler Combo 55T	185.00	114.99
TEK2132	TT2132 RS Pro 13.5 BL System	475.00	329.99
TEK2136	TT2136 RS Pro 7.5 BL System	475.00	329.99
TEK2151	TT2151 RS 17.5 BL System	395.00	274.99
TEK2310	TT2310 Rx8 BL 1/8 Sys 4030 BL 2D 2650kv	525.00	339.99
TEK2311	TT2311 Rx8 BL 1/8 Sys 4030 BL 2.5D 2050kv	525.00	339.99
TEK2312	TT2312 Rx8 BL 1/8 Sys 4030 BL 1.5V 1900kv	525.00	339.99
TEK2313	TT2313 Rx8 BL 1/8 Sys 4030 BL 3D 1700kv	525.00	339.99
TEK2314	TT2314 Rx8 BL 1/8 Sys 4030 BL 2V 1400kv	525.00	339.99
TEK2320	TT2320 Rx8 BL 1/8 Sys 4038 BL 1Y 2250kv	525.00	339.99
TEK2321	TT2321 Rx8 BL 1/8 Sys 4038 BL 1Y 2000kv	525.00	339.99
TEK2322	TT2322 Rx8 BL 1/8 Sys 4038 BL 2.5D 1700kv	525.00	339.99
TEK2323	TT2323 Rx8 BL 1/8 Sys 4038 BL 1.5V 1550kv	525.00	339.99
TEK2324	TT2324 Rx8 BL 1/8 Sys 4038 BL 3D 1350kv	525.00	339.99
TEK1103	TT1103 1/18 Mini Rage 8.0 Brushless Mtr Sys	240.00	154.99

## TRAXXAS MOTORS

Ideal for the E-Maxx™ and Villain™ EX, the **23T Titan™ 550** features a built-in fan to keep performance hot and your motor cool! A **Reverse Rotation** version is available, as is a **12T** version for the Stampede® and Rustler®. The 10T, high-torque **Titan 775** features a fan-cooled, five-pole armature for superior smoothness. The 20T **Stinger™** is 30% faster than the typical stock motor! Includes dual capacitors and installed bullet leads.



3785

TRAXXAS	Retail	Tower
TRAC1275	1275 Stinger Motor	19.00 17.69
TRAC3785	3785 Titan 550 Motor 12T	26.00 23.49
TRAC3975	3975 Titan 550 Motor E-Maxx	24.00 19.99
TRAC4975	3975R Titan 550 Reverse Rotation Motor	24.00 21.69
TRAC5672	5675 Titan 775 Motor 10T/16.8 Volts	41.00 34.99

## TRAXXAS VELINEON ACCESSORIES

Boost the power of your 1/10 scale ride with these Velineon accessories! The LiPo-compatible **Velineon 3500 Brushless Motor** features Neodymium magnets, high-speed bearings and a precision-balanced Rotor. Keep your VXL-3s ESC running cool with the optional **Cooling Fan** – or improve the performance of your Velineon 3500 with the **Rebuild Kit!**



3351

TRAXXAS	Retail	Tower
TRAC3340	3340 Cooling Fan Velineon ESC	25.00 19.99
TRAC3351	3351 Velineon 3500 Brushless Motor	120.00 74.99
TRAC3352	3352 Rebuild Kit Velineon 3500	13.00 11.99
TRAC3353	3353 Rotor Velineon 3500 Motor	60.00 49.99

## TRINITY MOTORS & ACCESSORIES

Designed for use with high-capacity battery packs, the ROAR/ARCOR-legal **Co27 Monster Horsepower Stock Pro** (TR12002) motor features a "Z"-shaped armature for quicker acceleration and increased virtual timing. It's also dyno-tuned and tested, with aligned bushings, brush hoods and surface-mounted capacitors. Motor leads required. Check out [www.towerhobbies.com](http://www.towerhobbies.com) for the full story on this and many other Trinity products!



TR12002

TRINITY	Retail	Tower
TRIC0220	TR10220 Duo 17.5 Brushless Motor	129.99 89.99
TRIC1055	TR10055 12T Double SpeedGems Extreme	59.99 39.99
TRIC1150	TR10150 Nitronite 5.5 Turn Brushless	89.99 57.99
TRIC1151	TR10151 Chromium 8.5 Turn Brushless	89.99 57.99
TRIC1152	TR10152 Titanium 12.5 Turn Brushless	89.99 57.99
TRIC1153	TR10153 Amber 15.5 Turn Brushless	89.99 57.99
TRIC1310	TR10130 45T Rock Crawler Motor	59.99 39.99
TRIC2002	TR12002 Co27 Monster Stock Pro Motor	45.00 32.99
TRIC2004	TR12004 Komodo Dragon Pro 19 Turn Spec Mod	59.99 39.99
TRIC2141	RC2141 Monster Horsepower Stock Pro	39.99 32.99
TRIC2411	TR10411 8.5 Turn Pulse Modified	129.99 74.99
TRIC2412	TR10412 10.5 Turn ROAR Spec	119.99 69.99
TRIC2413	TR10413 3.5 Turn ROAR Spec (19T Brushed)	119.99 69.99
TRIC2414	TR10414 17.5 Turn ROAR Spec (27T Brushed)	119.99 69.99
TRIC4950	9250 SpeedGems Pro Cryptonite 9T Double	49.99 31.99
TRIC5500	4000 Golden No Solder Leads (2)	5.29 4.99
TRIC6301	TR1301 Mystery Stock Pro 27T Brushed Motor	45.99 34.99
TRIC9242	9242 Monster Maxx Wild E-Maxx	69.99 44.99
TRIC9243	9243 Monster Maxx Pro E-Maxx	99.99 59.99

## Shopping around?

See our website for the latest low, low prices!



[www.towerhobbies.com](http://www.towerhobbies.com)



# CAR & TRUCK ELECTRONIC SPEED CONTROLS



## BRUSHED ELECTRONIC SPEED CONTROLS

**Great values  
and smart  
choices in  
speed controls!**



**BT Modified Reversible**  
For: 6-7 cells; modified motors  
w/8 turns or more

**18T Auto-Sport  
Forward w/Reverse**  
For: 6-7 cells; modified  
motors w/18 turns or more

**ESCs for sport  
economy and  
racing wins!**

Step up to smooth, economical DuraTrax electronic speed controls! All feature a high-frequency design plus twin status LEDs, weight-saving BEC, reverse voltage protection, on/off switch and (except for 8T Pro Racing Forward) factory-installed connectors.

The forward-only **Streak** ESC's ultra-high 3500 Hz switching rate offers split-second response and low-temp operation. An adjustable current limiter lets you reduce wheel spin during acceleration, while ABS braking prevents wheel lock-ups. Like most DuraTrax ESCs, the Streak has easy one-step set-up. Also available: the forward/reverse **Sprint** for 5-7 cell batteries and 20-27 turn stock motors.

The IntelliSpeed™ **Auto-Sport Forward** and **Auto-Sport Forward w/Reverse** ESCs set up automatically! The Auto Sport is most economical, while the Auto Sport Forward w/Reverse adds reverse and ABS braking. Thermal overload protection — standard on all 6-7 cell IntelliSpeed controls — shuts the ESCs off automatically to prevent heat-related damage.

The **8T Racing Reverse**, **12T Modified** and **16T Mild-Modified** all feature one-step set-up plus reverse and ABS braking, as well as lockouts for both. Two reverse delay intervals and three intervals for acceleration delay/traction control are available, and selectable with push-button ease. On the **8T Pro Racing Forward**, you can "tap" the brakes just by releasing the throttle, and program virtually every performance feature: high and low brake limits, traction control, quick and turbo start features and current. Switching frequency can be programmed as well, to enhance bottom-end power or top-end speed.

Stock #	Description	Retail	Tower	Stock #	Description	Retail	Tower
DTXM1030	Streak Forward/Brake High Frequency ESC J.....	\$79.99	\$34.99	DTXM1070	IntelliSpeed 12T Modified Reverse ESC .....	\$99.99	\$64.99
DTXM1055	IntelliSpeed Auto-Sport Forward ESC .....	44.99	22.99	DTXM1075	IntelliSpeed 8T Racing Reverse ESC .....	119.99	74.99
DTXM1059	IntelliSpeed Auto-Sport Forward/Reverse ESC .....	59.99	39.99	DTXM1080	IntelliSpeed 8T Pro Racing Forward ESC .....	139.99	64.99
DTXM1065	IntelliSpeed 16T Mild-Modified Reverse ESC .....	79.99	49.99	DTXM1200	Sprint Electronic Speed Control .....	59.99	29.99

### ASSOCIATED ESCS

The sensored **SPX Super Reverse** is great for LiPos, 5.5+ turn brushless motors and 7+ turn brushed motors. The **Reedy Micro Brushless ESC** for 1/18 scale vehicles is LiPo-friendly, too, with a fully proportional brake and an aluminum heat sink. The power-optimized, NiCd/NiMH-compatible **IPC V8.1** arrives ready for 4-, 5- or 6-cell racing!



	RETAIL	TOWER
ASCM0900 900 Reedy Micro Brushless ESC .....	89.99	59.99
ASCM8040 LRP80400 SPX Brushless Super Reverse .....	299.99	179.99
ASCM8080 LRP80800 IPC V8.1 ESC .....	229.99	129.99

### HPI RACING® FLUX ESCS



The **Flux Motiv Brushless ESC** arrives NiCd/NiMH and LiPo-compatible, with low-voltage cut-off, reverse, proportional braking and authentic Deans® plugs. The **Flux Blur** can handle the power of 6-cell LiPo packs, which makes it perfect for the Savage™ Flux HP and other high-performance brushless vehicles! Features an integrated cooling fan and fat 6 mm bullet connectors.

HPIM0416	100416 Flux Motiv Brushless ESC .....	159.00	109.99
HPIM0684	100684 Flux Blur Brushless ESC .....	269.00	169.99

### TAMIYA ESCS

The forward/reverse **TEU-302BK** can be converted into a forward/brake ESC. Ideal for 23+ turn brushed stock motors, it offers auto cut-off, which protects against loss of control from low voltage. Temperature and current overloads automatically shut it down to protect from damage. The **TEU-101BK** and **TEU-10BK** offer the same features for 540-size and sport-tuned motors.

TAMM3178	45028 ESC TEU-302BK .....	80.00	66.99
TAMM3194	90494 ESC TEU-101BK .....	46.00	39.99
TAMM3229	45029 ESC TEU-10 BK .....	63.00	52.99

### TEKIN HOTWIRE INTERFACE

Unlock the full potential of your speed control! The HotWire Interface allows you to access custom user settings, network with other users and download the latest software updates. Includes an installation disc and a USB cable. Compatible with RS, R1, FX, Mini Rage and B1 ESCs.



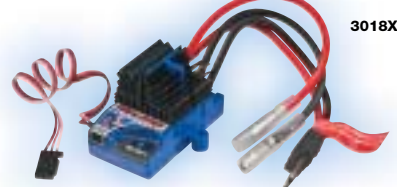
TEKM1450	TT1450 HotWire Interface .....	49.00	31.99
----------	--------------------------------	-------	-------

### TEKIN ESCS

All Tekin forward/brake/reverse ESCs offer QuickTune™ One-Touch Programming, extensive tuning options via the HotWire PC Interface (sold separately) and LiPo voltage cut-off. All, except the **Rx8**, offer NiCd, NiMH and LiPo compatibility — the Rx8 is designed only for use with LiPos. Choose from the brushed **FXR**, the brushless, sensored **RS** and **RS Pro** and the brushless, sensored/sensorless **Rx8**. See [www.towerhobbies.com](http://www.towerhobbies.com) for full details.

TEKM1091	TT1091 FXR Forward/Reverse Brushed ESC .....	149.00	94.99
TEKM1152	TT1152 RS Brushless Sensored ESC .....	270.00	174.99
TEKM1153	TT1153 RS Pro Brushless Sensored ESC .....	350.00	224.99
TEKM2300	TT2300 Rx8 Brushless 1/8 ESC Sensored/Sensorless .....	320.00	204.99

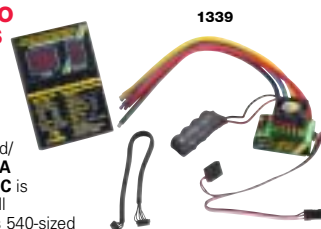
### TRAXXAS® ESCS



All Traxxas ESCs offer a BEC, thermal shutdown protection, forward/reverse and factory-installed connectors. Most feature EZ-Set™ One-Touch Set-Up, braking and patent-pending Training Mode™, which reduces power by 50% to keep rookies in control. Choices range from the affordable **XL-1** with 4-7-cell NiCd/NiMH compatibility to the waterproof, programmable **XL-5**. Check out [www.towerhobbies.com](http://www.towerhobbies.com) for full details.

TRAM3006	3006 XL-1 ESC w/Reverse .....	60.00	39.99
TRAM3016	3016 XL-10.2V Forward/Reverse/Brakes ESC .....	99.95	59.99
TRAM3019	3019 EVX2 Forward/Reverse .....	180.00	114.99
TRAM3020	3020 EVX2 Forward/Reverse Marine .....	180.00	104.99
TRAM3028	3018X Sealed XL-5 Forward/Reverse/Brake .....	85.00	54.99

### VENOM™ PRO BRUSHLESS ESCS



Ideal for virtually any application, the sensored/sensorless forward/reverse/brake **120A Pro Brushless ESC** is compatible with all brushed/brushless 540-sized motors, as well as 4-9-cell NiCds/NiMHs and 2-3-cell LiPos. Includes a 6V/2A BEC, low-voltage cut-off, an aluminum heat sink, cooling fan and a programming card. Boost performance in your GPV-1 RTR with the **V18 Pro Brushless ESC**! Includes a 6V/1A BEC and compatibility with 4-9-cell NiMHs and 2-3-cell LiPos.

VNRM1339	1339 Pro Brushless ESC 120A .....	249.99	169.99
VNRM1382	1382 1/18 V18 Pro Brushless ESC .....	74.99	54.99

Stock #	Description	Retail	Tower
<b>SPORT 1/18TH SCALE PRODUCTS</b>			
CSEM5000	1/18 Sidewinder Micro Sport ESC	✓ \$69.95	\$59.99
CSEC5001	1/18 Sidewinder Micro/4200kV	✓ \$119.95	\$101.99
CSEC5002	1/18 Sidewinder Micro/5400kV	✓ \$119.95	\$101.99
CSEC5003	1/18 Sidewinder Micro/6800kV	✓ \$119.95	\$101.99
CSEC5004	1/18 Sidewinder Micro/8000kV	✓ \$129.95	\$110.99
<b>SPORT 1/10TH SCALE PRODUCTS</b>			
CSEM4900	1/10 Sidewinder Sport ESC	✓ \$89.95	\$76.99
CSEC4901	1/10 Sidewinder/4600kV	\$169.95	\$144.99
CSEC4902	1/10 Sidewinder/5700kV	\$169.95	\$144.99

## SPORT



SIDEWINDER MICRO  
1/18TH SCALE



SIDEWINDER  
1/10TH SCALE

## EXTREME

Stock #	Description	Retail	Tower
<b>EXTREME 1/18TH SCALE PRODUCTS</b>			
CSEM5900	1/18 Mamba Micro Pro ESC	✓ \$89.95	\$76.99
CSEC5901	1/18 Mamba Micro Pro/4200kV	✓ \$139.95	\$118.99
CSEC5902	1/18 Mamba Micro Pro/5400kV	✓ \$139.95	\$118.99
CSEC5903	1/18 Mamba Micro Pro/6800kV	✓ \$139.95	\$118.99
CSEC5904	1/18 Mamba Micro Pro/8000kV	\$159.95	\$135.99
<b>EXTREME 1/10TH SCALE PRODUCTS</b>			
CSEM6600	1/10 Mamba Max Pro ESC	\$149.99	\$127.99
CSEC6601	1/10 Mamba Max Pro ESC/4600kV	\$229.99	\$195.99
CSEC6602	1/10 Mamba Max Pro ESC/5700kV	\$229.99	\$195.99
CSEC6603	1/10 Mamba Max Pro ESC/6900kV	\$229.99	\$195.99
CSEC6604	1/10 Mamba Max Pro ESC/7700kV	\$229.99	\$195.99
CSEC6605	1/10 Mamba Max Pro ESC/9000kV	\$229.99	\$195.99
<b>EXTREME 1/8TH SCALE AND MONSTER TRUCK PRODUCTS</b>			
CSEM6200	Mamba Monster ESC	\$199.00	\$169.99
CSEC6201	Mamba Monster/2200kV Motor	\$349.00	\$296.99
CSEC6202	Mamba Monster/2650kV Motor	\$349.00	\$296.99
CSEC6400	OFNA Jammin X1CR Conversion Kit	\$99.00	\$76.99
CSEC6401	Kyosho 777 Electric Conversion Kit	\$99.00	\$76.99
CSEC6402	Losi 8 Electric Conversion Kit	\$89.95	\$76.99



MAMBA MICRO PRO  
1/18TH SCALE



MAMBA MAX PRO  
1/10TH SCALE

**SENSORED &  
SENSORLESS  
IN ONE ESC!**



MAMBA MONSTER  
1/8TH SCALE AND MONSTER TRUCKS

**SIDEWINDER**  
SPORT POWER SYSTEMS

**MAMBA**  
EXTREME POWER SYSTEMS

**castle**





## Electronic Speed Controls

After 30 years, 20 IFMAR titles and 16 Reader's Choice Awards, Novak knows how to keep modelers on the cutting-edge of control. It takes performance on track, tough standards in manufacturing, and innovation up front. Original Novak breakthroughs — including One-Touch Set-Up™; current limiting; high-frequency switching; digital design; programmable features and more — are standard features today. Novak ESCs have their own list of standard features, including NiCd/NiMH/LiPo compatibility, One-Touch Set-Up™, Polar-Drive Circuitry™, Radio-Priority Circuitry™, thermal shutdown protection, brakes, a high-voltage BEC and a 120-day limited warranty.



### Crawlers

Crawling is hot, and Novak has three of the hottest ESCs around ready for use. Adjustable Active Hill/Drage Brakes — for top holding power on steep grades, as is Zero Reverse delay for instant full power forward or reverse. All three also feature hefty 6V/5A BECs, the same compact case dimensions, built-in LiPo cutoff protection and multiple profiles. The **Rooster Crawler** for brushed motors has two crawling profiles for tuning and factory-installed connectors for ease. Nimble as their namesake, the **Goat 2S Crawler** and the **Goat 3S Crawler** let you change motor rotation in all brushless profiles and drive frequency in the brushed mode. The Goat's four profiles include crawler modes with linear or exponential throttle and three additional adjustable parameters. The Goat 3S Crawler gives you more power to work with, an external 6V/3V BEC and a choice of three driving profiles, including one specifically designed for worm-drive vehicles.

### Brushless ESCs

The **Havoc Pro** brings unmatched speed and advanced compatibility to Novak's outstanding ESC lineup! It's compatible with all Novak 540-size brushless motors. A customizable Throttle Curve and 7 degrees of brake frequency adjustment only hint at its astonishing programmability — with nine adjustable parameters in all. GTB racing ESCs offer smooth acceleration, fine brake control and six throttle profiles. The five brushless profiles offer four adjustable parameters and the brushed profile adds Drive Frequency. Choices include the **GTB Racing Programmable**, as well as the **GTB Spread Spectrum** — the first ESC designed for 2.4GHz radio systems. Novak's other brushless ESCs — the Slydr Drift, Havoc 3S and HV Pro High-Voltage — add more adjustable features and setup finesse. They include linear and exponential options on Throttle Curve; seven choices in Brake Frequency; ten settings each for Minimum and Drag Brake, five each in Dead Band and Minimum Drive — and more. The **SLYDR Drift** offers a single profile ideal for on-road or drift racing. The **Havoc 3S** is a great choice for stadium trucks, short-course trucks and other off-road vehicles. It updates the original with the option to use 3-cell LiPo packs and has one of the strongest sport BECs available. Designed for dual-motored monster trucks, 1/8 scale conversions and other vehicles, the **HV Pro High-Voltage** can accommodate the power of 6-14 NiMH or 2-4 LiPo cells. It's an easy, drop-in fit for the Traxxas® E-Revo® and E-Maxx™ as well as the HPI E-Savage™.

### Reversible

Novak reversing ESCs for brushed motors feature Smart Braking II™ to put the maximum in controlled braking power at your fingertips. Price and performance make the **XRS** an ideal upgrade almost any 1/10 scale vehicle. Massive current carrying capabilities and a 12T motor limit make the **Rooster 12T** a great step up for drivers running hot modifieds. Its four throttle profiles include two forward-only versions for racing, plus two with built-in LiPo cutoff protection. The **Super Duty XR** can handle single or dual packs, making it a natural choice for the biggest dual motor 4WDs. It has three throttle profiles: one has reverse, another has Reverse Disable for racing and a third customizes the Super Duty XR for marine use!

### Micros

In 1/24-1/18 scale vehicles with sub-380 motors, the smaller and lighter, the better. And that's what makes Novak micro ESCs a great choice. At just 0.51 oz., the **Spy** reigns as Novak's lightest and least expensive brushed motor micro. It's prewired with micro motor and battery connectors for easy hook-ups and includes reverse disable for sport racing with friends. Programmable, powerful and versatile, the **Mongoose** gives you the freedom to go brushed or brushless, for a NiMH or LiPo, choose from one brushed or three brushless throttle profiles and adjust four parameters for performance perfection.



## Brushless Motor Systems



**Goat  
Crawler**



**HV Pro**



**Mongoose  
Micro**

In R/C, the best match for the toughness, reliability and performance of Novak ESCs is a Novak Motor system. All are sensor-based to ensure the smooth control and exceptional drivability. Motors are hand-wound, with nickel-plated, sintered Neodymium rotors for explosive acceleration, powerful, fade-free braking and exceptionally smooth control — even in most extreme heat situations. Ribbed aluminum endbells help carry heat away and reduce weight for greater performance. Oversized front bearings reduce friction, paving the way for higher speeds and less wear. In fact, compared to brushed motors, Novak brushless motors offer 20% longer run times on track but much longer lives overall. They're virtually maintenance-free, but also rebuildable — just in case. And after they're dyno-tested to ensure performance, they're factory-wired to a Novak ESC for the best in plug-n-play ease.

The motor in the **Mongoose Crawler** system is a Novak Three-80 — the first brushless motor designed for 1/24-1/18 scale use. The **Goat Crawler** is a 540-size power plant ideal for crawling and drivers looking for slower speeds and maximum run-time. **Rooster Crawler** systems offer virtually the same versatility as the Goat, and a choice of two dual-bearing, brushed motors.

Systems for spec class racing include **GTB/SS Pro** and ultra-affordable Havoc systems. Run with two LiPo cells or power up with three using the **Havoc 3S/Ballistic 8.5**. The innovative Ballistic 8.5 brushless lets you fine-tune rpm with an easy-to-adjust timing assembly...one of nine removable/replaceable parts. New for spec racing are **Havoc Pro** systems — available with five sensor-based Ballistic motor turn options, 3.5, 6.5, 10.5, 13.5 and 17.5 — and all featuring the incomparable Havoc Pro Brushless ESC (see page 140).

Also available: **GTB/Velociti** systems for regional racing; **HV Pro** systems for monsters and dual-motored 4WDs; **Mongoose Micro** systems for micros such as the DuraTrax® Vendetta™ and X-Ray M18T and the **SLYDR** system that combines the power and control for spectacular drift racing into a single, compact package.

NOVM1842	Rooster Crawler/55T Motor Combo	\$109.99
NOVM1843	Rooster Crawler/45T Motor Combo	109.99
NOVC3019	Goat Crawler Sintered 18.5	164.99
NOVC3055	Mongoose Crawler Micro BL 18.5T	149.99
NOVC3000	GTB/Velociti Racing 3.5	229.99
NOVC3001	GTB/Velociti Racing 4.5	229.99
NOVC3002	GTB/Velociti Racing 5.5	229.99
NOVC3003	GTB/Velociti Racing 6.5	229.99
NOVC3007	GTB/Velociti Racing 7.5	229.99
NOVC3008	GTB/SS 8.5 Pro	229.99
NOVC3010	GTB/SS 10.5 Pro	229.99
NOVC3013	GTB/SS 13.5 Pro Stock	229.99
NOVC3017	GTB/SS 17.5 Pro Stock	229.99
NOVC3025	HV Pro 5.5T w/5mm Rotor	259.99
NOVC3026	HV Pro 6.5T w/5mm Rotor	259.99
NOVC3027	HV Pro 7.5T w/5mm Rotor	259.99
NOVC3033	Havoc Spec 10.5	149.99
NOVC3034	Havoc Spec 13.5	149.99
NOVC3035	Havoc Spec 17.5	149.99
NOVC3036	Havoc Spec 21.5	149.99
NOVC3038	Havoc Sport Sensorless	139.99
NOVC3039	Havoc 3S/Ballistic 8.5	164.99
NOVC3130	Havoc Pro/Ballistic 3.5T/10500kv	194.99
NOVC3132	Havoc Pro/Ballistic 6.5T/6400kv	194.99
NOVC3133	Havoc Pro/Ballistic 10.5T/4200kv	194.99
NOVC3134	Havoc Pro/Ballistic 13.5T/3300kv	194.99
NOVC3135	Havoc Pro/Ballistic 17.5T/2200kv	194.99
NOVC3050	Mongoose Micro 8.5	149.99
NOVC3051	Mongoose Micro 10.5	149.99
NOVC3052	Mongoose Micro 13.5	149.99
NOVC3066	SLYDR Drift 6.5T	249.99

## SPEED CONTROL SPEC CHART

All have 1-Touch Set-Up!  
All are thermal protected!

All have 1-Touch Set-Up! All are thermal protected!		NOV Motors																			
		Fwd/Brake/Rev	Cells (NiMH/LiPo)	On-Resistance <sup>†</sup>	Footprint (in)	Weight* (oz)	Rated Current <sup>†</sup> (A)	Braking Current <sup>†</sup> (A)	Wire Size (ga)	BEC (volts/amps)	Motor Limit	Battery & Motor Plugs	Profiles	Programmable	# Status LEDs	Direct Solder Wire Tabs	LiPo Cutoff Circuitry	Water-resistant	Fan Included	Power Capacitor	
STOCK #	PRODUCT																			Tower	
NOVM1710	GTB Racing BL	F/B/R	4-6 / 2S	0.0004	1.16 x 1.49	1.36	540	540	14	6.0 / 3.0	3.5T BL	- / -	5	Y	4	Y	Y	Y	5679	\$149.99	
	GTB Racing Brushed	F/B	4-6 / 2S	0.00013	1.16 x 1.49	1.36	1620	1620	14	6.0 / 3.0	None*	- / -	1	Y	4	Y	Y	Y	5679		
NOVM1711	GTB DSM BL	F/B/R	4-6 / 2S	0.0004	1.16 x 1.49	1.36	540	540	14	6.0 / 3.0	3.5T BL	- / -	5	Y	4	Y	Y	Y	5679	149.99	
	GTB DSM Brushed	F/B	4-6 / 2S	0.00013	1.16 x 1.49	1.36	1620	1620	14	6.0 / 3.0	None*	- / -	1	Y	4	Y	Y	Y	5679		
NOVM1712	SLYDR Drift BL	F/B/R	4-6 / 2S	0.0004	1.16 x 1.49	1.36	540	540	14	6.0 / 3.0	5.5T BL	- / -	1	Y	4	Y	Y	Y	5679	187.99	
NOVM1718	Mongoose Micro BL	F/B/R	4-9 / 2-3S	0.0038	1.15 x 0.95	0.77	40	40	16	6.0 / 2.0	8.5T (380 sz)	- / P	3	Y	4	Y	Y	Y	5683	✓ 89.99	
	Mongoose Micro Brushed	F/B	4-9 / 2-3S	0.0038	1.15 x 0.95	0.77	40	40	16	6.0 / 2.0	380 size	- / P	1	Y	4	Y	Y	Y	5683		
NOVM1733	Havoc 3S BL	F/B/R	4-9 / 2-3S	0.0012	1.18 x 1.54	1.5	120	120	14	6.0 / 3.0	8.5T BL	- / -	1	Y	4	Y	Y	Y	5686	✓ 99.99	
	Havoc 3S Brushed	F/B/R	4-9 / 2-3S	0.0012	1.18 x 1.54	1.5	120	120	14	6.0 / 3.0	27T (540 sz)	- / -	1	Y	4	Y	Y	Y	5686		
NOVM1735	Havoc Pro BL	F/B/R	4-6 / 2S	0.00040	1.16 x 1.49	1.36	540	540	14	6.0 / 3.0	3.5T BL	- / -	1	Y	4	Y	Y	Y	5679	169.99	
NOVM1830	XRS Sport	F/B/R	4-7 / 2S	0.0055	1.31 x 1.10	1.27	40	40	16	5.0 / 1.0	15T	T / B	1	-	2	Y	- (L)	-	-	✓ 49.99	
NOVM1840	Rooster 12T	F/B/R	4-7 / 2S	0.0014	1.54 x 1.18	1.57	400	200	14	6.0 / 1.5	12T	T / -	4	-	2	Y	Y	Y	- (F)	5682	✓ 84.99
NOVM1841	Rooster Crawler	F/B/R	4-7 / 2S	0.0014	1.54 x 1.18	1.57	400	200	14	6.0 / 5.0	27T	T / -	2	-	2	Y	Y	Y	- (F)	5682	✓ 89.99
NOVM1865	Super Duty XR	F/B/R	6-14 / 2-4S	0.0011	1.75 x 2.17	4.03	400	180	14	6.0 / 3.0	None**	T / -	3	-	2	N	- (L)	-	- (F)	5684	129.99
NOVM1870	Spy Micro	F/B/R	4-7 / 2S	0.0064	1.12 x 0.95	0.51	25	25	20	5.0 / 1.0	380 size	Y / Y	2	-	2	Y	- (L)	-	-	✓ 49.99	
NOVM3214	Goat 3S Crawler BL	F/B/R	4-9 / 2-3S	0.0007	1.18 x 1.54	1.5	150	150	14	6.0 / 5.0	18.5T BL^	T / -	2	Y	4	Y	Y	Y	5686	142.99	
	Goat 3S Crawler Brushed	F/B/R	4-9 / 2-3S	0.0007	1.18 x 1.54	1.5	150	150	14	6.0 / 5.0	33T^	T / -	1	Y	4	Y	Y	Y	5686		
NOVM3219	Goat 2S Crawler BL	F/B/R	4-7 / 2S	0.0012	1.18 x 1.54	1.49	120	120	14	6.0 / 5.0	13.5T BL	T / -	3	Y	4	Y	Y	Y	- (F)	5682	✓ 124.99
	Goat 2S Crawler Brushed	F/B/R	4-7 / 2S	0.0012	1.18 x 1.54	1.49	120	120	14	6.0 / 5.0	27T	T / -	1	Y	4	Y	Y	Y	- (F)	5682	
NOVM3221	HV Pro High-Voltage BL	F/B/R	6-14 / 2-4S	0.0013	1.75 x 2.17	4.76	400	400	14	6.0 / 3.0	4.5T BL (550)	T / -	3	Y	4	N	Y	-	Y	5684	169.99

Legend: A = Amps (when available due to battery pack voltage); B = Bullet Motor Plug; BL = Brushless/Brushless Mode; F = Includes 5V output for optional fan; L = Not included; to add, use Novak SmartStop LiPo Modules #5470 (2S), #5471 (3S) or #5472 (4S); P = includes Novak Low Loss 2 mm Power Connectors; T = Tamiya battery plug; W = Without wires, but with heat sink (if included/installed); † = Transistor rating at 25(deg) C junction temperature. For brushless motors, value is per each phase; \* = Single motors or dual motors in series; \*\* = Single motors: none (6 cells), none (10-14 cells) 550-size; for dual motors in parallel: 10T (6 cells); none (10-cells, 550-size); 12T (12-14 cells, 550-size); ^ = with 3S LiPo



# CAR & TRUCK ELECTRONIC SPEED CONTROL CHART

<b>Brushed</b>									
Manufacturer	Model	Stock #	Brake	Reverse	Cells	Weight (oz)	Connector Rx-Battery-Motor	Dimensions	Capacity Turns/Amps
Associated	IPC V8.1	ASCM8080	Y	N	4-8	1.19	Univ-None-None	1.69x1.33x.74	6T+/480A
DuraTrax	Streak	DTXM1030	Y	N	4-10	2.1	J-Std-Bullet	1.64x1.5x0.66	12T+
DuraTrax	Auto-Sport Forward	DTXM1055	Y	N	6-7	1.94	J-Std-Bullet	1.48x1.34x.57	20T+/440A
DuraTrax	Auto-Sport Forward/Reverse	DTXM1059	Y	Y	4-7	2.1	J-Std-Bullet	1.6x1.5x0.63	18T+/128A
DuraTrax	16T Mild-Modified Reverse	DTXM1065	Y	Y	6-7	2.19	J-Std-Bullet	1.48x1.34x0.57	16T+/192A
DuraTrax	12T Modified Reverse	DTXM1070	Y	Y	6-7	2.44	J-Std-Bullet	1.48x1.34x0.57	12T+/232A
DuraTrax	8T Racing Reverse	DTXM1075	Y	Y	6-7	2.54	J-Std-Bullet	1.48x1.34x0.57	8T+/420A
DuraTrax	8T Pro Racing Forward	DTXM1080	Y	N	6-7	1.45	J-Std-Bullet	1.73x1.22x.71	8T+/4700A
DuraTrax	Sprint	DTXM1200	Y	Y	5-7	2.1	J-Std-Bullet	1.6x1.5x0.63	128A
Novak	XRS Reversible Sport	NOVM1830	Y	Y	4-6	1.27	Univ-Std-Bullet	1.31x1.10x.53	15T/40A
Novak	Rooster 12T Reversible	NOVM1840	Y	Y	4-7/ 2 LiPo	2.66	Univ-Std-Bullet	1.54x1.18	12T/400A
Novak	Rooster Crawler	NOVM1841	Y	Y	4-7/ 2 LiPo	2.66	Univ-Std-Bullet	1.54x1.18	27T-single/ 35-55-double
Novak	Super Duty XR	NOVM1865	Y	Y	6-14	4.03	Univ-Std-Bullet	1.75x2.17x0.85	400A
Novak	Spy Mirco Reversible	NOVM1870	Y	Y	4-7	0.51	Univ-Micro Style-Bullet	1.12x0.95x0.48	280 size micro RS4
Tamiya	TEU-302BK	TAMM3178	Y	Y	6-7	1.7	Univ-Std-Bullet	1.3x1.1x0.6	23T+/120A
Tamiya	TEU-101BK	TAMM3194	Y	Y	6	1.9	Univ-Std-Bullet	1.6x1.4x0.88	60A
Tamiya	TEU-10BK	TAMM3229	Y	Y	6	1.9	Univ-Tamiya-Bullet	1.6x1.4x0.88	60A
Tekin	FXR	TEKM1091	Y	Y	4-9	0.8	None	1x0.8x0.4	12T+
Traxxas	XL-1 w/Reverse	TRAM3006	Y	Y	4-7	3.4	J-Std-Bullet	2.4x1.5x1.4	17T+
Traxxas	XL-10	TRAM3016	Y	Y	4-7	2.71	J-Std- None	1.23x1.80x0.61	10T+/150A
Traxxas	EVX2	TRAM3019	Y	Y	12	3.5	J-Std-Bullet	1.75x2.17x0.85	19T+
Traxxas	EVX2 Marine	TRAM3020	Y	Y	12	3.5	J-Trx-None	1.75x2.17x0.85	19-27T
Traxxas	XL-5 Sealed	TRAM3028	Y	Y	4-8	3.07	J-Trx-Bullet	1.23x2.18x0.61	15T(540), 12T(550)
<b>Brushless</b>									
Associated	Reedy Micro	ASCM0900	Y	Y	6-8/ 2-3LiPo	1.1	Univ-None-Bullet	1.4x1.02x0.83	Unavailable
Associated	SPX Super Reverse	ASCM8040	Y	Y	4.8-8.4V	0.86	Univ-Std-Bullet	1.3x1.5x0.59	5.5T+/300A
Castle Creations	Sidewinder Sport	CSEM4900	Y	Y	5-12/ 2-3 LiPo	2.2	Univ-None-Bullet	1.8x1.4x0.9	Unavailable
Castle Creations	Sidewinder Micro Sport	CSEM5000	Y	Y	4-12/ 2-3 LiPo	0.9	Univ-None-Bullet	0.95x1.7x0.4	30A
Castle Creations	1/18 Mamba Micro Pro	CSEM5900	Y	Y	4-12/ 2-3 LiPo	0.9	Univ-None-Bullet	1.2x1.5x0.65	30A
Castle Creations	1/10 Mamba Max Pro	CSEM6600	Y	Y	6-12 /2-6 LiPo	2.5	Univ-None-Bullet	1.9x1.3x1.2	100A
Castle Creations	1/8 Mamba Monster	CSEM6200	Y	Y	18/ 6 LiPo	4.3	Univ-None-Bullet	2.2x1.9x1.4	120A
HPI	Flux Motiv	HPIM0416	Y	Y	6-12/ 2-3 LiPo	2.2	Univ-Deans-Bullet	1.8x1.4x0.9	70Acont/ 380A burst
HPI	Flux Blur	HPIM0684	Y	Y	6 LiPo	4.26	Univ-Deans-Bullet	2.2x1.9x1.4	120A
Novak	GTB Programmable	NOVM1710	Y	Y	4-6 2 LiPo	1.36	Univ-None-None	1.49x1.16	3.5T
Novak	GTB Spread Spectrum	NOVM1711	Y	Y	4-6/ 2 LiPo	1.36	Univ-None-None	1.49x1.16	3.5T
Novak	SLYDR Drift	NOVM1712	Y	Y	4-6/ 2 LiPo	1.36	Univ-None-None	1.16x1.49	5.5T Novak 540-size
Novak	Mongoose Micro	NOVM1718	Y	Y	4-9/ 2-3 LiPo	0.77	Univ-Std-Bullet	1.15x0.95	8.5T (380 size)
Novak	Havoc 3S	NOVM1733	Y	Y	4-9/ 2-3 LiPo	1.5	Univ-None-None	1.18x1.54	8.5T Novak 540-size
Novak	Goat 3S Crawler	NOVM3214	Y	Y	4-9/ 2-3 LiPo	1.5	Univ-Std-Bullet	1.54x1.18	13.5T
Novak	Goat Crawler	NOVM3219	Y	Y	4-7/ 2 LiPo	1.49	Univ-Std-Bullet	1.54x1.18	18.5T
Novak	HV Pro High-Voltage	NOVM3221	Y	Y	6-14/ 2-4 LiPo	4.8	None	1.75x2.17x0.85	400A
Tekin	RS	TEKM1152	Y	Y	4-9/ 2-3 LiPo	2	Univ-None-None	1.0x1.3x0.45	5T
Tekin	RS Pro	TEKM1153	Y	Y	4-9/ 2-3 LiPo	2.3	Univ-None-None	1.0x1.3x0.60	No Limit
Tekin	Rx8	TEKM2300	Y	Y	2-6 LiPo	2.7	Univ-None-None	1.5x2.2x1.4	No Limit
Venom	1/8 120A Pro	VNRM1339	Y	Y	up to 12/ 4 LiPo	1.38	Univ-None-None	1.73x1.22x0.87	2.5T+/ 120A
Venom	1/18 V18 Pro	VNRM1382	Y	Y	4-9/ 2-3 LiPo	0.67	Univ-White 2 Pin- Bullet	1.24x0.98x0.59	12T+

## R/C Boats: **AQUATIC ACTION** for everyone!

With an R/C boat, you can recreate history, captain a sailing yacht or enjoy the fierce thrills of close competition. Choose your destination — and get there by wind, motor or engine power.

### Building materials, builder convenience

For the craftsman who wants building satisfaction, a wood kit has no equal. Projects range from simple skiffs to richly detailed masterpieces.

Fiberglass and plastic, however, are excellent for those who value speed and ease more highly. There are fewer parts; hulls and decks are often prejoined. **ARR** (Almost-Ready-to-Run) models may be as much as 80% prebuilt and include a motor or engine. **RTR** (Ready-to-Run) boats add to ARR convenience by including a radio and installed radio gear. Assembly time can be as little as 1-2 hours.

### Options in Marine Power:

While wind power is the only choice for sailboats, powered boats may be run by either electric motor or glow engine.

An electric motor and a rechargeable battery may run from 4-8 minutes and hit 10-20+ mph speeds. Boats with a single motor and battery are the norm; however, twin-motored boats are available. Clean and quiet, electric power is ideal for first-time modelers.

More experienced boaters may prefer the added punch of glow (nitro) power. Displacements may range from as little as .049 cubic inches, to as much as .90 cubic inches!

## Captain's Choice

**Sailboats:** R/C sailboats tap wind power for racing or relaxation, just like full-size craft. Hulls range from 2-3 feet long; masts can tower to over 6 feet!



### Scale Boats:

Recreating an existing ship in miniature takes time, skill — and the right kit.

**Atlantic Harbor Tugboat RTR**



**Airboats:** Oddly enough, an airboat is powered by an airplane engine and prop mounted high above the stern. Hull bottoms are flat (or nearly so); steering power may come from a water rudder, vanes on the fan, or both.

**SuperVee 27 RTR**



**Racing Boats:** In racing, hull choice depends on water conditions. A *deep vee* features a mono (single) hull, and is best for choppy (rough) waters. The name comes from the wide "V" shape the hull presents when seen from a head-on view. Deep vees are ideal for off-shore racing. *Tunnel hulls* — a type of 3-point *hydroplane* — are better on smooth waters.

**TOWER HOBBIES®**



**Turbo Vee 3™**  
RTR

**EASY ELECTRIC VEE  
MADE FOR INSTANT ACTION!**



**Fully assembled —  
just install charged  
batteries & GO!**

When the weather's great and the water's right, the ready-to-run Turbo Vee can help you make every second count! Everything's installed — flotation, a water-cooled 540 motor, an electronic speed control w/reverse, direct-drive system, radio gear — even a prop. The ABS hull and deck are joined and ready for decals. A top-quality 2-channel radio is included, too. Add "AA" cells and a battery pack, and you're ready to go. The hull design includes chine rails to reduce drag, plus trim tabs to fine-tune handling to your driving style. The included ESC enables you to make tiny corrections and all-out starts with equal ease...and when you're done for the day, you can transport the Turbo V3 home on the vacu-formed carrying and display stand.

**Length: 20.5 in • Beam: 7.6 in**  
**Includes: 2-channel radio, motor, ESC & radio**  
**Requires: 6- or 7-cell flat pack & 8 "AA" batteries**

**Stock #** TOWB02\*\* **Description** Turbo Vee 3 RTR.....

**Tower**  
**\$89.99**



# BOATS

**AQUACRAFT™**  
Models



**NITRO  
SUPERVEE27™**

**SUPERVEE27™  
BRUSHLESS**

**Extreme nitro or brushless  
electric performance —  
right out of the box!**

One name — two winning choices! Both are easy enough for beginners, but equipped to compete with the best! The **SuperVee 27 Brushless** comes with a water-cooled brushless motor and 45A/18V ESC installed, while the **SuperVee 27 Nitro** includes a water-cooled O.S.® .18 marine inboard with a tuned pipe and recoil starter. Both also feature a radio, installed radio gear, a painted fiberglass hull and a bonus: performance-enhancing GrimRacer™ accessories! They include the Cowl Lock system, stainless steel trim plates, a deep-water rudder, adjustable turn fin and surface drive strut assembly made of anodized aluminum!

**Length (Both): 27 in**  
**Beam (Both): 8.1 in**  
**Brushless RTR requires: (2) 7.2V batteries w/ Deans® Ultra® Plug Connectors & 8 "AA" batteries**  
**Nitro RTR requires: boat fuel & 12 "AA" batteries**

Stock #	Description		Tower
AQUB17**	SuperVee 27 Brushless RTR .....	3 PAY \$83.33	\$249.99
AQUB22**	SuperVee 27 Nitro RTR .....	3 PAY \$93.33	279.99

**PARADISE™**  
RTR

Length: 26 in  
Beam: 5.3 in  
Height: 50.5 in  
Weight: 3 lb  
Requires: 12 "AA" batteries



**Available in  
6 different colors!**

**Fiberglass  
Hull!**



A high-quality fiberglass hull sets the Paradise apart from other entry-level boats — and its fast assembly lets you sail in no time! The hull is already trimmed and painted in one of six dazzling colors. The nylon sails are preprinted, and rigging is already in place, ready for easy connection to the numbered locations in the hull. The included 2-channel, 2-stick AquaCraft radio is made by Futaba®, with installed servos that deliver precise sail and rudder control. And when it's not on the water, the Paradise looks just as elegant displayed on the included stand.

Stock #	Description		Tower
AQUB01**	Paradise Sailboat RTR .....	3 PAY \$56.66	\$169.98

**HAMMER™**  
RTRS

**A big hit — for fast,  
easy racing, fun!**



**Nitro Hammer**  
Requires: glow fuel & 12 "AA" alkaline batteries  
Available in: white, blue, red, yellow, gray and orange.

**Hammer EP**  
Requires: 6-7 cell battery & 8 "AA" alkaline batteries  
Available in: white, blue, red, yellow, purple and orange



One's designed for raw nitro power — the other, for electric quiet and ease! However, you can enjoy all-in-one ease and a choice of six trim schemes with both! Hulls feature chine rails to cut drag and improve water flow, and arrive with the direct-drive, deep-water rudder, radio gear and adjustable trim tabs already installed. The **Nitro Hammer GP** features a fuelproof fiberglass hull, recoil-started AquaCraft .15 Marine, tuned pipe and FREE video. The **Hammer EP** has a lightweight ABS hull, with a water-cooled 550 motor and a forward/reverse ESC for smooth, precise speed control. Length (both): 24 in; Beam (both): 8.8 in.

Stock #	Description		Tower
AQUB10**	Hammer EP RTR .....	3 PAY \$43.33	\$129.99
AQUB26**	Nitro Hammer GP Vee RTR .....	3 PAY \$66.66	199.98



### Miss VEGA\$™

NITRO RTR Deuce

2.4GHz



AQUB34YY



AQUB34WW



AQUB34NN



AQUB34RR



This hydro has just two goals: to get you race-ready fast — and deliver sensational speed and style! The finished fiberglass hull was personally refined by the AquaCraft USA design team. Power comes from a water-cooled SuperTigre® .18 marine with a tuned Q-18 Quiet Pipe. It starts with the help of a Super Start™ handheld electric starter — and responds brilliantly to control from A Tactic™ TTX240 2.4GHz radio system. GrimRacer™ performance hardware, tools and a boat stand round out the package and add to the value!

Length: 32.3 in • Beam: 13.8 in  
Weight: 5.0 lb • Wing Height: 6.5 in  
Requires: 8 "AA" batteries, glow fuel & support equipment

Stock #	Description	Tower
AQUB34**	Miss Vegas Deuce 2.4GHz RTR..... 3 PAY \$109.99	\$329.97

### MINI THUNDER™

EP RTR



AQUB16A2

AQUB16A4

AQUB16A1

AQUB16A3



Stir up the pond — with the round nose hydroplane that's sized for exciting boat racing action anywhere there's water! Ready right out of the box, the Mini Thunder comes complete with a 2-channel FM radio, NiMH battery and handy 12V DC charger. A 380-size motor provides the power, and is water cooled. The Mini Wedge rudder offers confident control, and swings back upon impact to prevent damage. Choose from five hull colors — each with its own frequency — and start makin' wakes!

Length: 17.5 in • Width: 8 in • Includes: AquaCraft 2-channel FM radio, 1100mAh NiMH battery, 12V DC charger • Requires: 8 "AA" batteries

Stock #	Description	Tower
AQUB16**	Mini Thunder Hydroplane RTR... 2 PAY \$54.99	\$109.98



## BOATS

### REEF RACER 2™ RTR

The Reef Racer 2 arrives ready for action, with the radio gear, 380 motor and ESC installed and decals in place. Slam "AA" batteries into the radio, charge the 6-cell, 1100mAh NiMH pack on the 12V DC charger provided, and you're set! The Reef Racer's direct drive and "turn-on-a-dime" maneuverability make it agile and responsive, even at top speed! And if you happen to flip or roll, no problem. The self-righting hull will have you hatch-side up and haulin' in seconds. Twin, twist-off latches keep the electronics dry, yet offer easy access for pack changes. Left-handed? Adapting the 2-channel AquaCraft radio takes just a Phillips screwdriver and a few minutes!

**Hull Length: 15 in • Beam: 6 in**  
**Requires: 8 "AA" alkaline batteries**

<b>Stock #</b>	<b>Description</b>	<b>Tower</b>
AQUB14**	Reef Racer 2 RTR.....	\$69.99

**AQUACRAFT™**  
Models



Available in  
6 different colors!

**Ready to run  
& built for fun**

### Mini Rio™ RTR

You don't need a thunderboat and "big water" to enjoy offshore racing — just a pond and the extra-affordable Mini Rio! It's 16" of superboat style and ABS strength, and it arrives factory-assembled and generously equipped for fun. A water-cooled 380 motor and micro flex drive system send it zipping over the water. A 2-channel FM radio and its Dual Wedge rudder provide the control needed for minor corrections and big, sweeping turns. Includes a waterproof receiver and ESC for dependability — and an 1100mAh NiMH battery and 12V DC peak charger for lasting power and easy recharging.

<b>Stock #</b>	<b>Description</b>	<b>Tower</b>
AQUB15**	Mini Rio Offshore EP RTR.....	\$109.98

2 PAY \$54.99

**Length: 16 in**  
**Beam: 4.8 in**  
**Requires: 8 "AA" batteries**



**Superboat thrills —  
race-anywhere size!**

### VS1™ NITRO ARR

The prototype won the first of its 10 titles at the 2000 IMPBA Internats. This is the only ARR version of Mike "GrimRacer™" Zaborowski's winning design — and you can have it competition-ready in just 6-8 hours. The warp-resistant, built-up wood sponsons and wood-over-foam center hull are finished in a high-gloss clearcoat. The pull/pull cables, output guide, antenna base and competition-quality hardware are included. Proven GrimRacer performance parts dominate and include a designed-for-.21-tunnel hull fuel tank that holds 8 fl. oz. (236 ml). Other features include a tank mount, decals for customizing and easy thumbscrew hold downs for the ABS cowl.

<b>Stock #</b>	<b>Description</b>	<b>Tower</b>
AQUB0006	VS1 Competition Wood Tunnel Hull ARR .....	\$149.97

3 PAY \$49.99

**Assemble a  
champion in just  
one day!**



**Hull Length: 28 in**  
**Overall Length: 34.75 in with O.S. 21XM Marine Outboard**  
**Beam: 11 in • Weight: 4 lb**  
**Requires: 2+ channel radio w/ 1 mini and 1 high-torque standard servo & .21 outboard marine engine**



# UL-1 SUPERIOR™ FE RTR

**AQUACRAFT™**  
Models

The UL-1 is the racing RTR with all the extras — and no equals! It's designed from scratch for the best in brushless performance and equipped with the best AquaCraft can offer. The hull and hardware are GrimRacer designs, and the radio is a cutting-edge 2.4GHz system. The 2030kV brushless marine motor and 60A ESC are water-cooled, waterproof and AquaCraft originals. Legal for NAMBA and IMPBA Fast Electric (FE) competition, the UL-1 is LiPo-compatible and all about speed!

**Length: 29.3 in • Beam: 14.3 in**  
**Weight: 4.9 lb**  
**Requires: two 7.4V, 3200mAh LiPo batteries & 4 "AA" alkaline batteries**

<b>Stock #</b>	<b>Description</b>	<b>Tower</b>
AQUB20**	UL-1 Superior FE Hydro 2.4GHz RTR	<b>3 PAY \$109.99</b> \$329.97



**Loose brushless lightning on the lake!**



It's the first RTR version of a true Everglades airboat — and as authentic as gators and gumbo! It flies across water. It glides over grass,

ice and snow. And it powerslides without tipping, flipping or spinning out! There's no water rudder on the painted fiberglass hull; huge air rudders behind the SuperTigre G-34 airplane engine provide all the steering you need. An APC™ 9x6 pusher prop provides the thrust; an aluminum prop hub provides looks; and a welded steel cage around both provides realistic protection against whirling blades. Assembled, with molded driver and passenger seats, water-resistant radio box, a Tactic™ 2-channel radio and boat stand.

<b>Stock #</b>	<b>Description</b>	<b>Tower</b>
AQUB29**	Alligator Tours RTR.....	<b>3 PAY \$89.99</b> \$269.97

**Take a romp through the swamp!**



**Powered by SuperTigre**

# ATLANTIC HARBOR TUGBOAT™ RTR

Detail like this is usually found only on painstakingly crafted kits — but the Atlantic is completely factory-assembled! The painted fiberglass hull holds a direct-drive 550-size motor for realistic scale speeds, and an ESC for smooth throttle control in forward and reverse. A 2-channel AquaCraft radio (made by Futaba™) provides fine control over for everything except the mast lights, which are controlled by their own ON/OFF switch. Other scale details — including the bits, lifeboat, working cargo hook, rubber bumper tires, and life preservers, ladder and fire extinguishers on the cabin — make the Atlantic perfect for display on its stand when not on the water.

**Length: 30.3 in • Beam: 9.8 in • Height: 19 in**  
**Requires: 6-7 cell battery & 10 "AA" alkaline batteries**

<b>Stock #</b>	<b>Description</b>	<b>Tower</b>
AQUB59**	Atlantic Harbor Tug Boat RTR ...	<b>3 PAY \$83.33</b> \$249.99

**Loaded with factory-finished scale details!**





# BOATS

## AIR FORCE™

### NITRO AIRBOAT RTR

**Ready to rule the waves right now!**



Overall Length: 36 in  
Hull Length: 30.5 in  
Beam: 13.5 in  
RTR requires:  
12 "AA" batteries



**Available in 6 different colors!**

The Air Force rules the waves, but what rules in the Air Force is simplicity, performance and ease! Its gel-coated fiberglass hull is light, tough, and resistant to fuel residues that would ruin ABS and plastic. It's factory-painted in one of six striking colors, and arrives with the hull and deck pre-joined. Virtually everything's included and installed: radio gear for the 2-channel radio by Futaba®, the powerful Pro .46 ABC engine, a pusher prop and almost all of the stainless steel hardware — even the throttle linkage. An engine video and display/work stand complete the package, adding value and ease!

Stock #	Description	Tower
AQUB27**	Air Force Airboat RTR.....	3 PAY \$63.33 \$189.99

## AQUACRAFT™ Models

## BRISTOL BAY

### RTR

**Loaded with factory-finished scale details!**



Length: 33.5 in  
Beam: 8.75 in  
Requires: 6-cell  
flat battery &  
10 "AA" alkaline  
batteries



**Realistic down to working lights!**

The Bristol Bay can be launch-ready in just minutes. But factory-installed details give it the appearance of a time-intensive kit — the cabin alone boasts life preservers, railings, a horn, and a working spotlight! Its hull is painted fiberglass...the deck, simulated wood planking...and the static sails are made of cloth and fully rigged right out of the box. A hefty 550 motor turns the prop by an efficient direct-drive system. The included 2-channel AquaCraft radio is made by Futaba® and gives you solid control of the Bristol Bay's large rudder and electronic speed control. You'll navigate smoothly at any pace, in forward or reverse!

Stock #	Description	Tower
AQUB60**	Bristol Bay EP RTR.....	3 PAY \$59.99 \$179.97

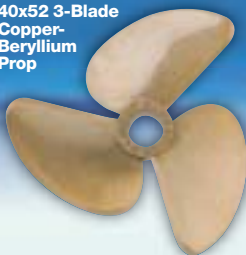


## BOAT HOP UPS

If 7-time IMPBA International champion Mike "Grimracer" Zaborowski puts his name on it, you know it's designed to dominate! Top-quality materials, including machined aluminum, stainless steel and tough, injection-molded plastic, provide the strength and durability to withstand demanding competition.

**Copper-Beryllium-Titanium Props** are lightweight and rigid, but never brittle. They sand and shape better than stainless steel so fine-tuning is easy, and stay sharp longer, with less dulling and chipping. **Speed Grease Drive Cable Lube** is a "must-have" for any boat modeler. Waterproof and non-slinging formula provides superior lubrication for nitro and electric boats alike. The **Brushless Marine Motor** boasts a 20V maximum voltage rating for powering your boat. Use it with the LiPo-friendly **60A Brushless Marine ESC** with "stutter" bump warning system that kicks in when pack voltage drops to 12V. Comes equipped with genuine Dean's® Ultra® Plug connectors. Use with **Precision Metal Prop Balancer** to bring props to performance perfection. Rubber **Starting Belts** are tapered for better fits on flywheels, and fiber-reinforced for longer life. A single wedge cog design provides a more secure grip. Available in 3 lengths, for .12 to .91 engines.

40x52 3-Blade  
Copper-  
Beryllium  
Prop



**Brushless 6-Pole Marine Motor 36-56-2030**

Cable  
Oil 50wt  
32oz



**Marine Brushless 60 Amp ESC**



**Speed Grease Drive Cable Lube**

Water  
Cooling  
Jacket  
36/45mm



Stock #	Description	Retail	Tower	Stock #	Description	Retail	Tower
AQUB9500	Speed Grease Drive Cable Lube.....	\$3.29	\$2.99	AQUB9700	36x55 Metal Prop.....	\$29.99	\$21.99
AQUB9502	Water Proof Switch Boot Hammer EP.....	2.99	2.69	AQUB9715	40x53 Copper-Beryllium Titanium Prop.....	29.99	21.99
AQUB9503	Radio Box Seal Boot 2/56-4/40 (2).....	2.99	2.69	AQUB9720	40x52 3-Blade Copper-Beryllium Prop.....	29.99	21.99
AQUB9505	Antenna/Cable Water Seal Boot (2).....	1.99	1.79	AQUB9725	42x55 Copper-Beryllium Titanium Prop.....	29.99	21.99
AQUB9506	Hull Rubber Drain Plug.....	1.49	1.29	AQUB9755	L38x55 Lifter Copper-Beryllium Prop.....	29.99	21.99
AQUB9513	Cowl Locks (2).....	21.99	17.99	AQUB9758	L38x63 Lifter Copper-Beryllium Prop.....	29.99	21.99
AQUB9514	Pro Radio Box Tape.....	19.99	14.99	AQUB9760	L40x57 3-Bld Copper-Beryllium Prop.....	29.99	21.99
AQUB9515	15/18 Hydro Turn Fin Polished.....	24.99	17.99	AQUB9763	L42x66 Lifter Copper-Beryllium Prop.....	29.99	21.99
AQUB9516	15/18 Hydro Turn Fin Blue.....	24.99	17.99	AQUB9765	L44x66 Lifter Copper-Beryllium Prop.....	29.99	21.99
AQUB9517	Water Cooling Jacket 36/45mm.....	19.99	14.99	AQUB9768	L45x68 Lifter Copper-Beryllium Prop.....	29.99	21.99
AQUB9530	Starting Belt 15".....	4.99	4.49	AQUB9785	65x100 Copper-Beryllium Titanium Prop.....	44.99	37.99
AQUB9531	Starting Belt 17".....	4.99	4.49	AQUB9787	67x105 3-Blade Copper-Beryllium Prop.....	59.99	49.99
AQUB9532	Starting Belt 19".....	4.99	4.49	AQUG7001	Brushless 6-Pole Marine Motor 36-56-2030.....	89.99	59.99
AQUB9550	Cable Oil 50wt 32oz.....	11.99	6.99	AQUM7010	Marine Brushless 45 Amp ESC.....	99.99	64.99
AQUB9575	Precision Metal Prop Balancer.....	39.99	29.99	AQUM7011	Marine Brushless 60 Amp ESC.....	129.99	89.99

### DUMAS® 1/8 SCALE CHRIS-CRAFT® KITS

Classic style and modern quality are obvious in all of these 1/8 scale Chris-Craft replicas – including the '49 19' **Runabout** and the '41 16' **Hydroplane**. All feature double-planked mahogany and/or plywood construction, chrome fittings, complete hardware packages and more. Check out [www.towerhobbies.com](http://www.towerhobbies.com) for details and requirements.



1249

		RETAIL	TOWER
DUMB0241	1241 '38 Triple Cockpit Barrel Back Kit 40.5"	410.00	279.99
DUMB0754	1234 Chris-Craft 1940 Barrel Back Kit 28.5"	345.00	229.99
DUMB1249	1249 1949 Chris-Craft 19' Runabout Kit 28"	225.00	154.99
DUMB1254	1254 '41 Chris-Craft 16' Hydroplane Kit 24"	240.00	159.99

### DUMAS® SCALE KITS

**Creole Queen** looks and feels like a New Orleans riverboat – instructions even show you how to create a working paddle wheel! Helm a tugboat with the **Victory** and the **Jersey City**. Bounce through the bayou with the **Big Swamp Buggy**, travel at speeds greater than 50 mph with the **Miss Circus Circus Hydroplane** or recreate the **U.S.S. Crockett Gun Boat**. You can also build JFK's famous **PT-109**, or try your hand at being a towboat captain with the **American Beauty** and **The Myrtle Corey**.



1222

DUMB0295	1325 Miss Circus Circus Hydro Kit 43"	400.00	279.99
DUMB0695	1218 U.S.S. Crockett Gun Boat Kit 51"	195.00	134.99
DUMB0705	1222 Creole Queen Riverboat Kit 48"	420.00	289.99
DUMB0735	1225 Victory Tug 28"	325.00	219.99
DUMB0753	1233 U.S. Navy PT-109 33"	175.00	119.99
DUMB0940	1505 Big Swamp Buggy Kit 40-60 31"	140.00	94.99
DUMB1253	1253 The Myrtle Corey Kit 38"	300.00	189.99
DUMB1701	1215 American Beauty 37"	240.00	179.99
DUMB3048	1248 Jersey City Tug Kit 36"	330.00	219.99

### MIDWEST 1/12 SCALE KITS

The **Boothbay Lobster Boat** recreates the ever-popular Maine fishing boat that's been serving lobstermen for generations. Features interlocking, self-aligning parts, complete hardware – even lobsters! The **Fantail Launch II** reproduces every detail of the classic steam launcher. Both kits can be built as static or R/C models.



964

MIDB1958	958 Fantail Launch II R/C Kit 19"	89.99	74.99
MIDB1964	964 Boothbay Lobsterboat R/C Kit 30"	259.99	189.99

### MIDWEST MEPS-III MOTOR SYSTEM

Make your Boothbay Lobsterboat Kit seaworthy with this convenient, all-in-one motor system! Featuring pre-soldered, pre-wired connections, it includes a 12V high-torque motor, a 2-speed forward/reverse speed control and a battery harness. Requires two 6-cell NiCd/NiMH flat packs.



MIDB0836	836 Meps-III Motor System	92.99	69.99
----------	---------------------------	-------	-------

### RAM BOAT ACCESSORIES

Protect your radio equipment from water damage with the **Bilge Pump Boat Saver** (45)! A bright warning light shows there's water inside while simultaneously pumping it out. The **Gas/Diesel Engine Sound System** (38) synchronizes a gas or diesel engine sound effect to your electric car, truck or boat as it speeds up or slows down. An adjustable tone horn and a 4" speaker are also included. Requires 6-14.4V power. **Marine Nav Lights** (5) weigh only 0.5 oz. Includes one each of red, green and clear non-flashing bulbs, all with a 36" wire. Requires 9V battery.



45

RAMB1900	5 Marine Navigation Lights	14.95	13.79
RAMB1910	38 Gas/Diesel Engine Sound 4"	49.95	42.99
RAMB2145	45 Bilge Pump Boat Saver 6-12V	29.95	26.99

### TRAXXAS® VILLAIN™ EX DEEP VEE RTR

The Villain EX combines 14.4 volts of power from two battery packs, a water-cooled marine version of the EVX-2 ESC and dual outdrives powered by twin Titan® 550 motors for incredible offshore speed. A sealed radio compartment and Twist-Lock™ top deck removal add convenience. Includes a 2-channel TQ™ radio. Requires two 6-cell NiCd/NiMH batteries, a charger and 8 "AA" batteries.



TRAB19**	1502 Villain EX Deep V Racer RTR 31"	410.00	244.99
----------	--------------------------------------	--------	--------

### TRAXXAS® BLAST™ RTR • Ready to make waves the minute you get it!



The name says it all! This great-looking vee is truly a blast, and it's ready to go within minutes of coming out of the box. Just hook up a 6-cell pack in the hull and put batteries in the 2-channel, 2-stick radio – everything else is already done for you. That includes every bit of assembly, including decal application, installation of radio gear, a 540 motor and a forward-only ESC. And once batteries are installed, the Blast is ready to deliver explosive speeds up to 18 mph! Requires a 6-cell NiCd/NiMH battery, charger and 8 "AA" batteries.

TRAB38**	3810 Blast RTR 24"	190.00	114.98
----------	--------------------	--------	--------

### VENOM™ STRAIT JACKET DEEP VEE RTR



Perfect for any pool or pond, the Strait Jacket delivers full-throttle R/C thrills while requiring very little maintenance! Includes virtually everything you need: dual 380 motors, a 2-channel pistol-grip radio system, extra props, a 6-cell 1800mAh stick pack, charger and a display stand.

VNRB1801	VEN-1807 Strait Jacket RTR 23.9"	89.99	59.99
----------	----------------------------------	-------	-------

### VENOM™ STRAIT JACKET XL GAS RTR



A water-cooled, 26 cc marine engine rockets the Strait Jacket XL to speeds over 30 mph right out of the box! Its programmable 3-channel FM radio system includes high-torque servos, 15-model memory and dual rate steering! Other highlights: an eye-catching, hand-laid fiberglass hull, machined aluminum running gear, a balanced aluminum prop, a sealed acrylic radio box and a laser-engraved, padded wooden display stand. Requires 12 "AA" batteries.

VNRB1809	VEN-1809 Strait Jacket XL RTR 58"	1099.99	699.99
----------	-----------------------------------	---------	--------

### VENOM™ KING OF SHAVES® C-1 RTR



34 inches long and officially licensed, this explosive electric reproduces every detail of the 2006-07 King of Shaves Class 1 Powerboat! Includes dual, water-cooled V380 brushless motors and dual 60A Pro brushless ESCs, a VR3T digital FM transmitter, two fully adjustable Arneson-style drives, composite nylon counter-rotating props, a sealed battery tray, a wood display stand and more!

VNRB1810	1810 King of Shaves C1 EP RTR 34"	699.99	499.99
----------	-----------------------------------	--------	--------



### NICD PACKS



6-Cell 7.2V  
1900mAh NiCd  
Stick Standard  
Plug

6-Cell 7.2V  
1500mAh NiCd  
Stick Standard  
Plug

### MORE RUN TIME • LESS COST!

• Built for sport driving and repeated same-day charging!

TOWER™ NiCd packs are an economical option for stock racing or backyard bashing and a great investment in long-term fun! The high-quality cells in each pack are tough enough to survive repeated run-and-recharge cycles during the day, so you can enjoy more action with fewer packs and pocket the savings. The 7-cell, 1900mAh pack offers a double bonus: higher voltage for more punch and more run-time between recharges. Packs are assembled, shrink-wrapped and equipped with a multi-strand wire lead and standard connector.



Stock #	Description	Retail	Tower
TOWC1030	6-Cell 7.2V 1500mAh NiCd Stick Standard Plug..... ✓	\$24.99	<b>\$11.99</b>
TOWC1037	6-Cell 7.2V 1900mAh NiCd Stick Standard Plug.....	29.99	<b>16.99</b>
TOWC1038	7-Cell 8.4V 1900mAh NiCd Stick Standard Plug.....	37.99	<b>19.99</b>

### NIMH PACKS



6-Cell 7.2V  
2000mAh  
NiMH Stick  
Standard  
Plug

6-Cell 7.2V  
3000mAh  
NiMH Stick  
Standard Plug

### THE MOST PACK FOR THE JACK!

Ideal for sport driving or fun flying, TOWER™ NiMH packs offer the most capacity of any Tower Hobbies pack — and at a price that's just right for your budget. Preamsembled, shrink-wrapped and equipped with multi-strand wire leads and standard connectors, these 6-cell, 7.2V packs are designed for everyday action and repeated charging, to maximize run time and fun time! Available in 2000mAh, 2500mAh and 3000mAh capacities.

Stock #	Description	Retail	Tower
TOWC1050	6-Cell 7.2V 2000mAh NiMH Stick Standard Plug..... ✓	\$24.99	<b>\$19.99</b>
TOWC1060	6-Cell 7.2V 2500mAh NiMH Stick Standard Plug.....	39.99	<b>24.99</b>
TOWC1070	6-Cell 7.2V 3000mAh NiMH Stick Standard Plug.....	39.99	<b>27.99</b>

### SANYO® NICD BATTERIES

#### ASSEMBLED PACKS

Convenience and low cost together! All feature premium Sanyo cells, soldered, assembled and covered in shrink-wrap. Leads are included; add the connector of your choice and your pack is ready for charging and use.

NOTE: Color of shrink-wrap may vary.



8N700AA 8-Cell  
9.6V 700mAh  
NiCd Square Tx

N700AAC NiCd  
1.2V Cell w/o Tab

#### INDIVIDUAL CELLS

With Sanyo cells, you can enjoy Sanyo quality and the extra economy that comes from building your own packs. Tower Hobbies' great selection of Sanyo cells makes it easy to enjoy savings on radio packs or power packs. Versions are available with or without solder tabs.



Stock #	Description	Retail	Tower
SANM0302	N3000CR 1.2V Cell w/Tab..... ✓	\$14.49	<b>\$13.49</b>
SANM0401	KR4400D 1.2V Cell w/Tab..... ✓	17.49	<b>9.99</b>
SANM1000	4N700AAC 4-Cell 4.8V 700mAh NiCd Square Rx..... ✓	18.49	<b>11.99</b>
SANM1001	4N700AAC 4-Cell 4.8V 700mAh NiCd Flat Rx..... ✓	19.99	<b>11.99</b>
SANM2100	8N700AA 8-Cell 9.6V 700mAh NiCd Flat Tx..... ✓	34.49	<b>20.99</b>
SANM2101	8N700AA 8-Cell 9.6V 700mAh NiCd Square Tx..... ✓	34.49	<b>20.99</b>
SANP0250	KR1500SC 1.2V Cell w/o Tab.....	5.49	<b>3.29</b>
SANP0251	KR1500SC 1.2V Cell w/Tab.....	5.89	<b>3.49</b>
SANP1100	N700AAC NiCd 1.2V Cell w/o Tab.....	3.99	<b>2.39</b>
SANP1200	N700AA NiCd 1.2V Cell w/Tab..... ✓	3.49	<b>2.69</b>

### 11.1V BALANCED LIPO PACKS



LiPo 11.1V 1250mAh 12C  
Discharge Balance

Combine LiPo advantages — better performance, longer flights, smaller size and lighter weight — with TOWER™ value, and you have an outstanding battery buy! What's more, TOWER™ LiPo packs are balanced, so you can charge cells to the 4.2V maximum for extra performance power. That makes them ideal for small electrics like slow flyers and foamies and small budgets! All packs are assembled for charging and immediate use! Charge leads feature 24AWG wire and an Electrify™ balancing connector. Discharge leads on the 640mAh pack end in a Deans® Micro connector. All others feature a Deans Ultra Plug® connector.

Stock #	Description	Retail	Tower
TOWP2110	LiPo 11.1V 640mAh 12C Discharge Balance..... ✓	\$29.99	<b>\$19.99</b>
TOWP2115	LiPo 11.1V 910mAh 12C Discharge Balance..... ✓	39.99	<b>24.99</b>
TOWP2120	LiPo 11.1V 1250mAh 12C Discharge Balance..... ✓	44.99	<b>29.99</b>
TOWP2125	LiPo 11.1V 1500mAh 12C Discharge Balance.....	49.99	<b>32.99</b>



## NIMH BATTERY PACKS

**MORE CAPACITY AND CONNECTOR CHOICES THAN EVER BEFORE!**

High-discharge **DTX Series** are great upgrades for club racing, as well as affordable alternatives to matched packs. Track-tested at 30A loads, they deliver more punch on demand and low internal resistance that contributes to longer, cooler running. Capacities now range up to 5000mAh and choices in high-voltage 7-cell packs is greater than ever before. Connector choices now include Traxxas® High-Current and Deans® Ultra Plug® connectors, as well as standard and model-specific connectors. 5-cell **Receiver Packs**, for heavy-duty servos and quicker, stronger servo response, all include universal connectors.

When it comes to minimum cost matched to maximum value, **Piranha™** is still the name to know in NiMHs. And with Piranha, you save when you buy, and every time you use their "run & recharge" toughness to make one pack do the work of two or three.

All packs are assembled and shrink-wrapped, with leads and connector.

Stock #	Description	Retail	Tower
DTXC1900	Piranha 6-Cell 7.2V 2000mAh NiMH Stick Standard .....	\$29.99	<b>\$24.99</b>
DTXC1901	Piranha 7-Cell 8.4V 2000mAh NiMH Stick Standard .....	34.99	<b>29.99</b>
DTXC1902	Piranha 7-Cell 8.4V 2000mAh NiMH Hump Standard.....	34.99	<b>29.99</b>
DTXC1905	Piranha 6-Cell 7.2V 2000mAh NiMH Stick Deans .....	31.99	<b>21.99</b>
DTXC1930	Piranha 6-Cell 7.2V 2500mAh NiMH Stick Standard .....	39.99	<b>24.99</b>
DTXC1960	Piranha 6-Cell 7.2V 3000mAh NiMH Stick Standard .....	43.99	<b>27.99</b>
DTXC2142	Piranha 7.2V DTX 3600 NiMH Stick Standard Plug.....	69.99	<b>39.99</b>
DTXC2145	6-Cell 7.2V DTX 3800 NiMH Stick Standard Plug.....	69.99	<b>44.99</b>
DTXC2146	6-Cell 7.2V DTX 4200 NiMH Stick Standard Plug.....	74.99	<b>49.99</b>
DTXC2147	7-Cell 8.4V DTX 4200 NiMH Stick Standard Plug.....	79.99	<b>49.99</b>
DTXC2149	6-Cell 7.2V DTX 4600 NiMH Stick Standard Plug.....	79.99	<b>47.99</b>
DTXC2150	7-Cell 8.4V DTX 4600 NiMH Stick Standard Plug.....	89.99	<b>54.99</b>
DTXC2152	6-Cell 7.2V DTX 5000 NiMH Stick Standard Plug.....	82.99	<b>57.99</b>
DTXC2153	7-Cell 8.4V DTX 5000 NiMH Stick Standard Plug.....	94.99	<b>71.99</b>
DTXC2162	6-Cell 7.2V DTX 3800 NiMH Flat Deans Ultra.....	72.99	<b>49.99</b>
DTXC2163	6-Cell 7.2V DTX 4200 NiMH Flat Deans Ultra.....	79.99	<b>51.99</b>
DTXC2164	6-Cell 7.2V DTX 4600 NiMH Flat Deans Ultra Plug.....	82.99	<b>49.99</b>



Stock #	Description	Retail	Tower
DTXC2165	6-Cell 7.2V DTX 5000 NiMH Flat Deans Ultra Plug.....	\$84.99	<b>\$64.99</b>
DTXC2175	6-Cell 7.2V DTX 4600 NiMH Stick Traxxas Plug .....	79.99	<b>54.99</b>
DTXC2176	7-Cell 8.4V DTX 4600 NiMH Stick Traxxas Plug .....	89.99	<b>69.99</b>
DTXC2177	7-Cell 8.4V DTX 4600 NiMH Hump Traxxas Plug .....	89.99	<b>69.99</b>
DTXC2179	6-Cell 7.2V DTX 5000 NiMH Stick Traxxas Plug .....	84.99	<b>64.99</b>
DTXC2180	7-Cell 8.4V DTX 5000 NiMH Stick Traxxas Plug .....	99.99	<b>74.99</b>
DTXC2181	7-Cell 8.4V DTX 5000 NiMH Hump Traxxas Plug .....	99.99	<b>74.99</b>
DTXC2182	7-Cell 8.4V DTX 5000 NiMH Flat Traxxas Plug .....	99.99	<b>74.99</b>
DTXC2186	6-Cell 7.2V 1600mAh NiMH Flat Pack RC18 Series.....	29.99	<b>21.99</b>
DTXC2192	6-Cell 7.2V 1600mAh 2/3A NiMH Stick Traxxas Plug.....	34.99	<b>24.99</b>
DTXC2193	6-Cell 7.2V 1600mAh NiMH Stick MQ/Cliff Climber.....	29.99	<b>21.99</b>
DTXC2194	6-Cell 7.2V 1200mAh NiMH Stick Mini Vendetta/MQ.....	27.99	<b>19.99</b>
DTXM2012	5-Cell 6V 1600mAh NiMH Hump Receiver U .....	34.99	<b>21.99</b>
DTXM2017	5-Cell 6V 1600mAh NiMH Flat Receiver U .....	34.99	<b>21.99</b>
DTXM2021	5-Cell 6V 1400mAh NiMH Receiver Stick RC10GT U.....	35.99	<b>19.99</b>
DTXM2031	5-Cell 6V 1400mAh NiMH Receiver Hump Off-Road U .....	35.99	<b>19.99</b>

## NICD BATTERY PACKS



Keep your battery budget in the black with **Onyx 1800mAh** packs. It's an outstanding buy for the money-conscious modeler, and the perfect choice for bargin' around in the back yard or stock class racing. It's available with either a standard or Traxxas High-Current connector. And, like all other DuraTrax packs, it's assembled and shrink-wrapped, with multi-strand wire leads. Also available: **Piranha 1900mAh** and **Shark 1500mAh** packs.

Stock #	Description	Retail	Tower
DTXC2010	Onyx 6-Cell 7.2V 1800mAh NiCd Stick Standard .....	\$17.99	<b>\$13.49</b>
DTXC2015	Onyx 6-Cell 7.2V 1800mAh NiCd Stick Traxxas .....	19.99	<b>13.99</b>
DTXC2020	Piranha 6-Cell 7.2V 1900mAh NiCd Flat Standard Plug .....	29.99	<b>19.99</b>
DTXC2021	Piranha 7-Cell 8.4V 1900mAh NiCd Flat Standard Plug .....	37.99	<b>27.99</b>
DTXC2022	Piranha 7-Cell 8.4V 1900mAh NiCd Hump Standard Plug .....	37.99	<b>27.99</b>
DTXC2030	Shark 6-Cell 7.2V 1500mAh NiCd Standard Plug .....	19.99	<b>12.99</b>

## 7.4V LIPO BATTERY PACKS



Perfect for sport or racing, these packs are encased in impact- and puncture-resistant ABS cases for protection and feature gold-plated terminals for high-efficiency running. LiPo-cell lightness and high capacities help stretch run times to the fullest. Balancing and a high 25C discharge rate let you charge cells to the maximum of 4.2V and give you the power to unleash it all in an instant. All, except **DTXC1805** (which includes a Traxxas® High-Current Connector), include lead and standard connector.

Stock #	Description	Retail	Tower
DTXC1804	7.4V 2500mAh 20C Car Truck Std Plug HD .....	\$59.99	<b>\$39.99</b>
DTXC1805	7.4V 2500mAh 20C Car Truck Traxxas .....	59.99	<b>42.99</b>
DTXC1810	7.4V 3700mAh 25C Car Truck Std Plug HD .....	129.99	<b>79.99</b>
DTXC1825	7.4V 5400mAh 20C Car Truck Std Plug HD <b>2 PAY \$54.99</b> .....	179.99	<b>109.98</b>



## BATTERY SHOPPING TIPS

**Capacity** — How much energy a cell can store. Capacities range from 50mAh (milliAmp hours) to 5400mAh or more.

**Cell Set** — A package of unassembled cells. Great for do-it-yourself types. More economical than prebuilt packs.

**Configuration** — How cells are assembled into packs. They can be end-to-end (stick), side-by-side (flat) or divided into two groups (saddle). In hump packs, at least one cell is stacked on the others.

**LiFe (Lithium-Ferrite Phosphate)** — New lithium-based LiFe cells are flat and thin like LiPos, but offer less volatility and slightly lower voltage.

**Lilon (Lithium-Ion)** — Longer than NiCd or NiMH cells, Lilons also cost more and require special chargers. However, cell voltage is 3.6V (vs. 1.2V) and can reach 4.1V in balanced (equalized) cells.

**LiPo (Lithium-Polymer)** — More costly than NiCd or NiMHs, LiPos also offer higher performance due to lighter weight (about half that of NiCds or NiMHs) and higher voltage (3.7V, or 4.2V for balanced cells).

**Matched Cells** — Cells discharged at a specific (amp) rate and matched to others with similar run times and average voltages. Many are also processed to boost voltage. Most command a premium price.

**NiCd (Nickel-Cadmium)** — The most common and economical type of battery. The voltage of a typical NiCd (or NiMH) cell is 1.2V.

**NiMH (Nickel-Metal Hydride)** — While about the same size and weight as NiCd cells, NiMH cells offer a wider range of capacities. NiMHs are also more environmentally friendly, requiring neither cycling or recycling.

**Pack** — A set of assembled, shrink-wrapped cells, plus leads (wires) and a connector. Packs cost a bit more than sets, but can be used immediately.

**Sub-C Cells** — Slightly smaller than typical "C" cells.

**Voltage** — (V) A measure of force. Nominal voltage of a LiPo cell is 3.7V, vs. 1.2V for a NiCd or NiMH cell. More cells = more voltage = quicker acceleration!

**ElectriFly**  
by Great Planes®

## NIMH BATTERY PACKS

8-Cell 9.6V 3600mAh  
NiMH Deans Ultra



7-Cell 8.4V 2000mAh 4/5SC  
NiMH Custom Deans



7-Cell 8.4V  
3000mAh NiMH  
Stick Deans  
Ultra



**COMPACT POWER FOR  
AFFORDABLE FLIGHT!**

If you have the plane, ElectriFly has a NiMH power pack to fit. There are almost two dozen choices in all, ranging from tiny 6-cell, 1/2AAA packs to a 12-cell giant with 3600mAh of capacity and 14.4V of power! All packs are assembled, shrink-wrapped and complete with connector. **GPMP0350-0364** feature a Deans® Ultra Plug® connector. All other packs include a 2-pin connector. See below for the pack to fit your application.

Stock #	Description	Retail	Tower
GPMP0055	6-Cell 7.2V 220mAh 1/2AAA NiMH JST.....	\$13.99	\$6.99
GPMP0056	8-Cell 9.6V 220mAh 1/2AAA NiMH JST.....	15.99	8.99
GPMP0066	7-Cell 8.4V 350mAh 2/3AAA NiMH JST.....	15.99	12.99
GPMP0067	8-Cell 9.6V 350mAh 2/3AAA NiMH JST.....	17.99	12.99
GPMP0072	8-Cell 9.6V 650mAh 2/3AAA NiMH JST.....	21.99	15.99
GPMP0104	6-Cell 7.2V 650mAh AAA NiMH JST.....	17.99	12.99
GPMP0105	7-Cell 8.4V 650mAh AAA NiMH JST.....	21.99	15.99
GPMP0106	8-Cell 9.6V 650mAh AAA NiMH Stick JST.....	25.99	12.99
GPMP0107	8-Cell 9.6V 650mAh AAA NiMH 4x2 Flat JST.....	25.99	6.29
GPMP0250	7-Cell 8.4V 1100mAh 2/3A NiMH JST.....	25.99	17.99
GPMP0251	8-Cell 9.6V 1100mAh 2/3A NiMH JST.....	29.99	19.99
GPMP0253	10-Cell 12V 1100mAh 2/3A NiMH JST.....	39.99	22.99

Stock #	Description	Retail	Tower
GPMP0345	8-Cell 9.6V 1800mAh 4/5SC NiMH JST.....	\$39.99	\$24.99
GPMP0350	6-Cell 7.2V 2000mAh 4/5SC NiMH Custom Deans.....	32.99	21.99
GPMP0351	7-Cell 8.4V 2000mAh 4/5SC NiMH Custom Deans.....	39.99	24.99
GPMP0352	8-Cell 9.6V 2000mAh 4/5SC NiMH Custom Deans.....	44.99	27.99
GPMP0353	10-Cell 12V 2000mAh 4/5SC NiMH Custom Deans.....	49.99	34.99
GPMP0355	7-Cell 8.4V 3000mAh NiMH Stick Deans Ultra.....	59.99	31.99
GPMP0356	8-Cell 9.6V 3000mAh NiMH Stick Deans Ultra.....	59.99	24.99
GPMP0361	7-Cell 8.4V 3600mAh NiMH Deans Ultra.....	69.99	40.99
GPMP0362	8-Cell 9.6V 3600mAh NiMH Deans Ultra.....	79.99	49.99
GPMP0363	10-Cell 12V 3600mAh NiMH Deans Ultra.....	99.99	64.99
GPMP0364	12-Cell 14.4V 3600mAh NiMH Deans Ultra.....	109.99	64.99

## ADAPTERS



When new electronics and current connectors don't match, don't replace: adapt. ElectriFly adapters offer a fast, easy answer to connector compatibility — along with the proven quality and amazing efficiency of a genuine Deans® Ultra Plug® or Micro plug connector. Also available: **Charge Leads** with the Deans efficiency edge!

Stock #	Description	Retail	Tower
GPMM3126	Deans Micro/Deans Female Ultra Adapter.....	\$5.99	\$5.49
GPMM3127	Deans Micro/Deans Male Ultra Adapter.....	5.99	4.99
GPMM3130	Deans Female Ultra/Standard Female Adapter.....	5.99	5.49
GPMM3131	Deans Male Ultra/Standard Male Adapter.....	5.99	5.49
GPMM3134	Deans Micro/JST Female Adapter.....	5.99	5.49
GPMM3135	Deans Micro/JST Male Adapter.....	5.99	5.49
GPMM3142	Parallel Deans U 2 to 1 Adapter.....	10.99	8.99
GPMM3143	Series Deans U 2 to 1 Adapter.....	10.99	8.99
GPMM3146	Parallel Deans Micro 2 to 1 Adapter.....	5.99	1.99
GPMM3147	Series Deans Micro 2 to 1 Adapter.....	5.99	4.99
GPMM3148	Charge Lead Banana Plugs/Deans Male Ultra.....	7.99	6.99
GPMM3149	Charge Lead Banana Plugs/Deans Micro.....	5.99	4.99

## POWER SERIES LIPO BATTERY PACKS

You've decided on a LiPo because they offer more voltage and less weight — an ideal combo for all-out 3D and competition. You want a balanced pack so you can charge each cell to the 4.2V maximum and condition it to perform longer and strong. So why choose a Power Series Pack?

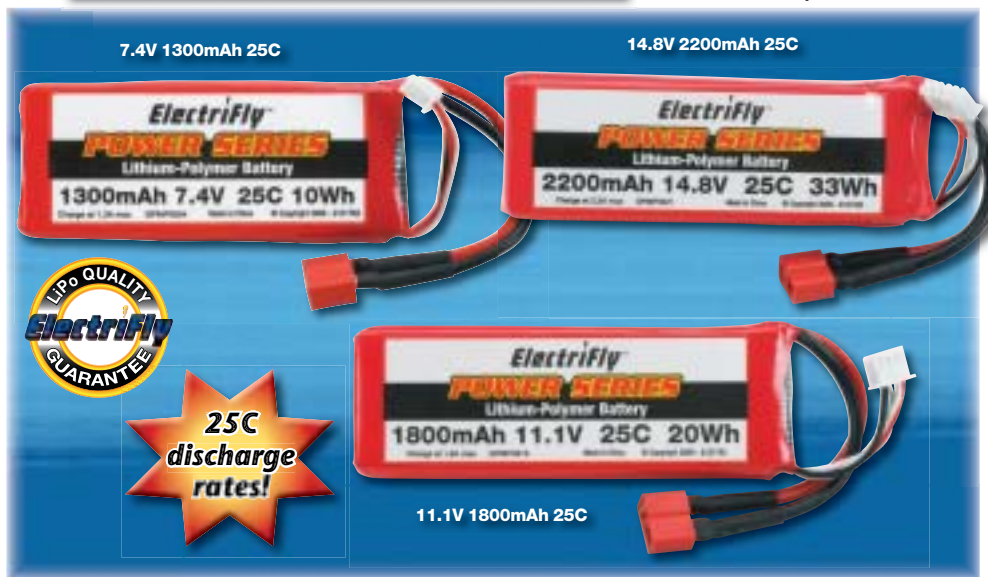
Because it's marked with an honest discharge rate; if it says 25C, you can count on 25C continuously, and a burst rate of up to twice that. Because pack weight is a real-world number that includes the weight of leads and connectors. And because it's protected by a no-nonsense replacement guarantee that lasts a full year.\*

All packs include a special balancing plug and a Deans Ultra Plug® connector. All require a balancing LiPo charger or LiPo charger and ElectriFly Equinox™ LiPo Cell Balancer.

\* For specifics on the ElectriFly LiPo Quality Guarantee, visit [electrifly.com/lipo/](http://electrifly.com/lipo/)

**PACKS SO GOOD, THEY'RE GUARANTEED!**

**ElectriFly**  
by Great Planes®



Stock #	Description	Retail	Tower
GPMP0500	11.1V 1000mAh 25C.....	\$64.99	<b>\$44.99</b>
GPMP0504	7.4V 1300mAh 25C.....	44.99	<b>29.99</b>
GPMP0505	11.1V 1300mAh 25C.....	64.99	<b>44.99</b>
GPMP0510	7.4V 1500mAh 25C.....	52.99	<b>34.99</b>
GPMP0511	11.1V 1500mAh 25C.....	79.99	<b>52.99</b>
GPMP0514	7.4V 1800mAh 25C.....	54.99	<b>37.99</b>
GPMP0515	11.1V 1800mAh 25C.....	84.99	<b>57.99</b>

Stock #	Description	Retail	Tower
GPMP0519	7.4V 2200mAh 25C.....	\$69.99	<b>\$47.99</b>
GPMP0520	11.1V 2200mAh 25C.....	104.99	<b>74.99</b>
GPMP0521	14.8V 2200mAh 25C.....	139.99	<b>94.99</b>
GPMP0522	18.5V 2200mAh 25C.....	179.99	<b>119.99</b>
GPMP0540	7.4V 3350mAh 25C.....	99.99	<b>69.99</b>
GPMP0541	11.1V 3350mAh 25C.....	159.99	<b>104.99</b>

Stock #	Description	Retail	Tower
GPMP0542	14.8V 3350mAh 25C.....	\$209.99	<b>\$139.99</b>
GPMP0543	18.5V 3350mAh 25C.....	259.99	<b>169.99</b>
GPMP0560	7.4V 5300mAh 25C.....	159.99	<b>109.99</b>
GPMP0561	11.1V 5300mAh 25C.....	249.99	<b>169.99</b>
GPMP0562	14.8V 5300mAh 25C.....	329.99	<b>219.99</b>
GPMP0563	18.5V 5300mAh 25C.....	399.99	<b>269.99</b>

## BP SERIES LIPO BATTERIES

You need premium power for competition, but affordability for practice and sport flying — and BP Series packs provide it. Most packs now offer the high, 20C discharge rate of Competition packs — and the choice of capacities runs from as little as 300mAh to as much as 3200mAh. All packs are assembled and shrink-wrapped, with a standard balancing connector. GPMP0701-0705 include a Deans® micro plug; all others include a Deans Ultra Plug® connector. All require a balancing charger, or a LiPo charger and balancer.

**BALANCED-PACK PERFORMANCE FOR THE BUDGET-MINDED.**



### Balanced Pack Benefits!

- All cells can be charged to the 4.2V maximum.
- Balancing conditions the cells better to last longer.
- Balancing is a safe way to handle LiPo packs.

Stock #	Description	Retail	Tower
GPMP0700	7.4V 300mAh 20C Competition ✓	\$21.99	<b>\$12.99</b>
GPMP0701	11.1V 300mAh 20C Competition ✓	32.99	<b>17.99</b>
GPMP0704	7.4V 640mAh 15C.....	29.99	<b>14.99</b>
GPMP0705	11.1V 640mAh 15C.....	39.99	<b>22.99</b>
GPMP0708	7.4V 910mAh 15C.....	34.99	<b>19.99</b>

Stock #	Description	Retail	Tower
GPMP0709	11.1V 910mAh 15C..... ✓	\$49.99	<b>\$27.99</b>
GPMP0714	7.4V 1250mAh 20C.....	39.99	<b>25.99</b>
GPMP0715	11.1V 1250mAh 20C.....	54.99	<b>34.99</b>
GPMP0717	11.1V 1500mAh 15C..... ✓	59.99	<b>32.99</b>
GPMP0718	7.4V 1600mAh 20C.....	39.99	<b>27.99</b>

Stock #	Description	Retail	Tower
GPMP0719	11.1V 1600mAh 20C.....	\$59.99	<b>\$39.99</b>
GPMP0722	7.4V 2300mAh 20C.....	59.99	<b>39.99</b>
GPMP0723	11.1V 2300mAh 20C.....	89.99	<b>59.99</b>
GPMP0726	7.4V 3200mAh 20C.....	89.99	<b>59.99</b>
GPMP0727	11.1V 3200mAh 20C.....	119.99	<b>79.99</b>



# BATTERIES & ACCESSORIES

**FlightPower™**  
Lithium Polymer

## EON-X™ LIPO FLIGHT BATTERIES

FlightPower LiPo packs are already known for their exceptional performance. And with EON-X packs, they're fast becoming known for their lasting value, as well. Packs that have been cycled 80 or 90 times are common. And in fact, cells in an EON-X LiPo pack are so well balanced that the performance and capacity of a pack cycled 100 times are virtually the same as those of a brand-new pack. That's because FlightPower starts with top-quality cells, and adds superior cell matching, a cutting-edge assembly process and the industry's strictest quality control standards. It's an investment in product that pays off in spectacular and long-lasting performance for you. All packs are assembled and shrink-wrapped with Deans® Ultra Plug® connectors and a separate charge connector. Also available: **V-Balance Complete Balancer** for 2-6S packs.

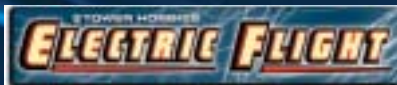


Stock #	Description	Tower
FPWP4014	EON-X Lite 2S 7.4V 350mAh 25C.....	\$16.99
FPWP4015	EON-X Lite 3S 11.1V 350mAh 25C.....	24.99
FPWP4064	EON-X Lite 2S 7.4V 800mAh 25C.....	22.99
FPWP4065	EON-X Lite 2S 7.4V 800mAh 25C Blade.....	22.99
FPWP4066	EON-X Lite 3S 11.1V 800mAh 25C.....	33.99
FPWP4067	EON-X Lite 3S 11.1V 800mAh 25C TRex 250.....	33.99
FPWP4114	EON-X Lite 2S 7.4V 1300mAh 25C.....	27.99
FPWP4115	EON-X Lite 3S 11.1V 1300mAh 25C.....	40.99
FPWP4145	EON-X Lite 2S 7.4V 1600mAh 25C.....	33.99
FPWP4146	EON-X Lite 3S 11.1V 1600mAh 25C.....	49.99

Stock #	Description	Tower
FPWP4237	EON-X Lite 2S 7.4V 2500mAh 25C.....	\$49.99
FPWP6105	EON-X 30 3S 11.1V 1200mAh 30C.....	46.99
FPWP6197	EON-X 30 2S 7.4V 2200mAh 30C.....	49.99
FPWP6198	EON-X 30 3S 11.1V 2200mAh 30C.....	69.99
FPWP6239	EON-X 30 4S 14.8V 2450mAh 30C.....	119.99
FPWP6354	EON-X 30 2S 7.4V 3350mAh 30C.....	74.99
FPWP6355	EON-X 30 3S 11.1V 3350mAh 30C.....	109.99
FPWP6356	EON-X 30 4S 14.8V 3350mAh 30C.....	144.99
FPWP6357	EON-X 30 5S 18.5V 3350mAh 30C.....	179.99

Stock #	Description	Tower
FPWP6437	EON-X 30 2S 7.4V 3800mAh 30C.....	\$89.99
FPWP6438	EON-X 30 3S 11.1V 3800mAh 30C.....	129.99
FPWP6574	EON-X 30 2S 7.4V 4350mAh 30C.....	104.99
FPWP6575	EON-X 30 3S 11.1V 4350mAh 30C.....	149.99
FPWP6576	EON-X 30 4S 14.8V 4350mAh 30C.....	199.99
FPWP6697	EON-X 30 2S 7.4V 5000mAh 30C.....	109.99
FPWP6698	EON-X 30 3S 11.1V 5000mAh 30C.....	164.99
FPWP6702	EON-X 30 6S 22.2V 5000mAh 30C.....	299.99
FPWM0120	V-Balance Complete Balancer.....	49.99

**Make Tower Hobbies® your**



**Headquarters!**

**Complete index to Electric Flight —  
Find what you are looking for quickly!**

**Thousands of items! Many not shown in this catalog!**

More powerful motors, lighter batteries and more efficient airframes have all come together to revolutionize the electric flight category. Make Tower Hobbies your electric flight headquarters and browse our Electric Flight Homepage.



**Airplanes**



**Batteries**



**Chargers**

**Motors**



**Helicopters**

**Speed  
Controls**



**[www.towerhobbies.com/electric](http://www.towerhobbies.com/electric)**

## HOBBIKO® HydriMax® ULTRA™

## NIMH RADIO BATTERIES

You go to the field to fly, not recharge — and that's why HydriMax Ultra packs are a great investment. They give you more flying time between recharges, even if you're flying a "Big Bird" with high-drain digitals or multi-servo control surfaces.

Their current-storing capacity is impressive — and so is their toughness. They're assembled with six spot welds/cell and wrapped in shrink for outstanding durability and glitch-free operation. Gold plating on the attached universal connector maximizes conductivity and efficiency.

**Receiver** packs are available in 4-cell and high-voltage 5-cell versions, flat or square configurations...and capacities that peak out at 4200mAh. 9.6V **Transmitter** packs are available in flat and square configurations, too...and like the receiver packs, they come with a lead and universal connector already attached. Top choices in chargers include the Hobbico Quick Field Charger MkII™ (HCAP0290) or the Accu-Cycle™ Elite (HCAP0280).



5-Cell 6V 2000mAh  
NiMH AA Flat Rx U

4-Cell 4.8V 2000mAh  
NiMH Flat AA Rx U

8-Cell 9.6V 1650mAh  
NiMH Square Tx U

Stock #	Description	Retail	Tower	Stock #	Description	Retail	Tower
HCAM6301	4-Cell 4.8V 750mAh AAA NiMH Flat Receiver U.....	\$15.99	\$12.99	HCAM6335	4-Cell 4.8V 4200mAh NiMH Sub C Flat Receiver U.....	\$54.99	\$39.99
HCAM6308	4-Cell 4.8V 1600mAh 2/3A NiMH Flat Receiver U.....	29.99	21.99	HCAM6342	5-Cell 6V 1600mAh 2/3A NiMH Flat Receiver U.....	34.99	24.99
HCAM6309	4-Cell 4.8V 1600mAh 2/3A NiMH Square Receiver U.....	29.99	21.99	HCAM6350	5-Cell 6V 2000mAh NiMH Flat 4/5A Receiver U Pana...	49.99	32.99
HCAM6311	4-Cell 4.8V 1450mAh NiMH Flat Receiver U Sanyo.....	27.99	17.99	HCAM6351	5-Cell 6V 2000mAh NiMH AA Flat Receiver U.....	39.99	24.99
HCAM6312	4-Cell 4.8V 1450mAh NiMH Square Receiver U Sanyo.....	27.99	17.99	HCAM6355	5-Cell 6V 4200mAh NiMH Sub C Flat Receiver U.....	69.99	49.99
HCAM6321	4-Cell 4.8V 2000mAh NiMH Flat AA Receiver U.....	31.99	20.99	HCAM6361	8-Cell 9.6V 1450mAh NiMH Square Transmitter U Sanyo...	49.99	34.99
HCAM6322	4-Cell 4.8V 2000mAh NiMH Square AA Receiver U.....	31.99	20.99	HCAM6362	8-Cell 9.6V 1650mAh NiMH Square Transmitter U Sanyo...	54.99	39.99
HCAM6333	4-Cell 4.8V 3600mAh NiMH Flat Receiver U.....	49.99	32.99	HCAM6363	8-Cell 9.6V 1650mAh NiMH Flat Transmitter U Sanyo...	59.99	44.99

## Super Tigre® 11.1V LIPO BATTERY PACKS

SuperTigre has always been known for power and economy, and these LiPo packs are no exception. They offer the savings you associate with "no-name" packs, but back it with SuperTigre's reputation for quality and service. Each pack is balanced to ensure maximum voltage, with a 15C continuous discharge rate that's ideal for sport fun or serious practice. And all were chosen for complete performance and connector compatibility with two SuperTigre brushless ESCs and three brushless motors. The number of choices make it simple to assemble a perfect power system for your model — and many others — in a matter of minutes. All packs are shrink-wrapped, with multi-strand wire leads, standard balancing connector and a SuperTigre power connector. All require a balancing charger or charger and balancer.



11.1V ST 640mAh 15C

11.1V ST 2100mAh 15C

Stock #	Description	Retail	Tower
SUPP1010	11.1V ST 640mAh 15C...	\$27.99	\$15.99
SUPP1020	11.1V ST 910mAh 15C...	32.99	18.99
SUPP1030	11.1V ST 1250mAh 15C...	39.99	24.99
SUPP1040	11.1V ST 1500mAh 15C...	42.99	28.99
SUPP1050	11.1V ST 1800mAh 15C...	52.99	31.99
SUPP1060	11.1V ST 2100mAh 15C...	63.99	39.99

## Build Your own Combo™



**SAVE MONEY by building your OWN COMBO!**

Select your product!

Then choose the components to go along with it!

At Tower Hobbies® you can build your own combo for some of our most popular items. Our easy-to-use Build-Your-Own Combo™ interface allows you more choices in outfitting your radio-control model, while saving you money at the same time! For example, you may wish to choose a more powerful engine or a fancier radio system than is offered in our preselected combos. Building your own combo results in lower prices on the components when purchased at the same time as the kit.



[www.towerhobbies.com/byoc/](http://www.towerhobbies.com/byoc/)



# BATTERIES & ACCESSORIES

## ACER RACING SILVERWORM™ SILVER-PLATED 12 AWG WIRE



Featuring 85% less resistance than tin wire, 680-strand, silver-plated Silverworm wire is the lowest-resistance racing wire available! Race faster, conserve voltage, extend run times and reduce heat! Sold in 4' packs.

ARZC5505	505 Silverworm Silver Plated 12 AWG Wire 4'	RETAIL	TOWER
		19.99	15.99

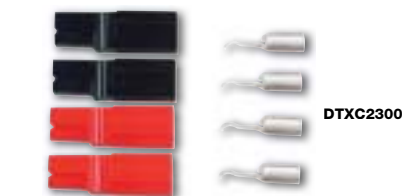
## ASSOCIATED BATTERIES



Get the best possible performance from your vehicle – drop in a Reedy or LRP battery pack! Available for 1/18 scale racing, the **7.2V VMX Concept 1600mAh Micro NiMH Pack** is competition-ready, with low-resistance-connections and a standard micro connector. **7.2V NiMH Wolfpacks** are worth howling over in **2400mAh**, **3000mAh**, **3600mAh** and **4200mAh** run times, while state-of-the-art **Reedy LiPo Packs** offer run times up to **5100mAh**! Also available: long-life **1600mAh NiMH Rx Pack** in a hump configuration and a set of four gold-plated **4 mm Bullet Connectors**.

ASCC0621	621 VMX 6C 7.2V 1600mAh Micro NiMH	39.99	34.99
ASCC0654	654 Connectors 4.0mm 2 Male/2 Female	5.25	4.99
ASCC0693	693 Wolfpack 6C 2400mAh NiMH Stick Std Plug	39.99	24.99
ASCC0694	694 Wolfpack 6C 3000mAh NiMH Stick Std Plug	49.99	27.99
ASCC0695	695 Wolfpack 6C 3600mAh NiMH Stick Std Plug	59.99	29.99
ASCC0698	698 Wolfpack 6C 7.2V 3600mAh NiMH Stick TRA	63.99	35.99
ASCC0700	700 Wolfpack 6C 7.2V 4200mAh NiMH Stick Std	69.99	44.99
ASCC0703	703 Reedy 7.4V 5000mAh 20C Pro LiPo	154.99	98.99
ASCC0704	704 Reedy 7.4V 5000mAh 20C LiPo	149.99	89.99
ASCC0708	708 Reedy 7.4V 4800mAh 20C Saddle LiPo	169.99	99.99
ASCC2709	709 Reedy 7.4V 5000mAh 35C LiPo	179.99	109.99
ASCC2710	710 5100mAh 7.4V 35C Saddle LiPo	189.99	119.99
ASCM0612	612 1600 Series 5C 1600mAh NiMH Hump Rx U	29.99	26.99

## DURATRAX® POWERPOLE® CONNECTORS



It's the simple, effective and economical way to get the last mAh out of every pack. Powerpoles outlast and outperform pin-style connectors, with spring-loaded, flat-blade contacts that offer more conductive surface and less resistance. Incorrect hook-up is almost impossible! Sold in pairs, with 2 contacts and 2 blades included (wire required).

\*Powerpole is a registered trademark of Anderson Power Products.\*

DTXC2300	Powerpole Connector (4)	4.99	3.99
DTXC2301	Powerpole Connector (20)	24.99	14.99
DTXC2302	Powerpole Connector (100)	124.50	64.99

## EPIC MOTORSPORTS BATTERIES



Give your vehicles the power they demand with high-quality Epic Motorsports batteries. **6-cell 7.2V 3000mAh NiMH** sport pack is great for monsters with modified motors 12-turns or greater. **Dreadnaught** set delivers 14.4V power and 3000mAh capacity for the Traxxas® E-Maxx™ and other dual-motored monsters. Both are assembled, with leads and standard connectors.

EPXC0007	EP0007 6C 7.2V 3000mAh NiMH Stick Std Plug	45.99	34.99
EPXC0030	EP0030 Dreadnaught 6C 3000mAh E-Maxx (2)	79.99	49.99

## FUJI® NOVEL BATTERIES



7300

Fuji Novel alkalines are built to last! Features include all-metal construction, large capacities and improved storage life. Choose from a single-pack **9V**, twin packs of **C** or **D** cells, or **AAA** and **AA** cells, perfect for radios and other electronics. AA cells available in packs of 4, 8 and 48; AAA's available in packs of 2, 4 and 40.

FUGP7100	7100 D Alkaline (2)	4.59	4.39
FUGP7200	7200 C Alkaline (2)	4.39	4.19
FUGP7300	7300 AA Alkaline (4)	4.39	3.49
FUGP7308	7300BP8 AA Alkaline Battery (8)	7.39	5.89
FUGP7348	7300-48 AA Alkaline (48)	35.99	22.99
FUGP7400	7400 AAA Alkaline (2)	2.59	1.99
FUGP7404	7400-BP4 AAA Alkaline (4)	4.39	3.79
FUGP7440	7400-40 AAA Alkaline (40)	29.99	21.99
FUGP7600	7600 9V Alkaline	4.39	2.19

## GOLDEN HORIZONS® BATTERY HOLD-DOWNS



02588

Make sure your batteries stay put with these hot aluminum hop-ups! Stronger than stock plastic, **Silver** hold-downs for the Traxxas® E-Maxx™ and a silver **Battery/Rx Hold-Down** for the Stampede®.

GHHC2109	02108 Alum Battery/Rx Hold Down Silver	14.99	13.99
GHHC2588	02588 Alum Batt Hold Downs Silver E-Maxx	29.99	26.99

## HPI RACING® BATTERY PACKS

Upgrade for more servo speed and strength with 6V receiver packs from HPI! All are easy to install – and all are shrink-wrapped with the connector and lead wire already attached.

Baja 5B owners can choose from a **2000mAh NiCd** (2017) or **3000mAh NiMH** (2018) hump pack, while Savage™ owners can enjoy the **6V 1200mAh NiMH Pack** (2012).

HPIC2017	2017 5C 6V 2000mAh NiCd Hump Rx Std/J Baja	45.00	32.99
HPIM2012	2012 5-Cell 6V 1200mAh NiMH Hump Rx J	32.00	24.99
HPIM2018	2018 5C 6V 3000mAh NiMH Hump Rx Std/J Baja	45.00	38.99

## HITEC® BATTERY PACKS



54114

Convenience and capacity go hand in hand with Hitec NiCd and NiMH packs! All are shrink-wrapped and equipped with lead and connector. 9.6V, 1600mAh **Transmitter Pack** (54114) is compatible with Hitec's most popular radios, including the Optic 6, the Neon and Laser-series systems. Flat 4.8V **Receiver Packs** (54117-54118) are available in capacities ranging from 750mAh – 1600mAh. See [www.towerhobbies.com](http://www.towerhobbies.com) for compatible systems.

HRCM0280	54117 4-Cell 4.8V 1600mAh NiMH Rx Flat U	29.95	23.99
HRCM0290	54118 4-Cell 4.8V 750mAh NiMH Rx Flat U	25.95	20.99
HRCM8214	54114 8C 1600mAh NiMH Tx Optic/Eclipse/Prsm	49.95	41.99

## TEAM INTEGY™ LIPO BATTERIES



C22903

Integy LiPo packs deliver maximum power, with minimal weight. Choose from 7.4V **3200mAh** and **4000mAh HardCase LiPos** or the **IP3800mAh LiPo Pack** for car or truck competition. Discharge rates: (3200mAh): 20C; (4000mAh): 25C; (IP3800mAh): 35C. All require a LiPo-compatible balancing charger. IP3800mAh pack also requires connectors.

INTC1929	C22902 20C HardCase LiPo 3200+ 7.4V	59.99	54.99
INTC1930	C22903 25C HardCase LiPo 4000+ 7.4V	75.99	63.99
INTC5338	IPC253800V335C 35C IP3800mAh LiPo 2C 7.4V	99.99	82.99

## MULTIPLEX® BATTERIES & ACCESSORIES



M157121

**BX Series LiPo Packs** are great ways to pack maximum performance into a compact space! Available in 11.1V **1600mAh**, **2500mAh**, **3200mAh** and **4800mAh** run times – all include a balancing connector and require a LiPo-compatible charger and battery connectors. Also available: **High Current Plugs and Sockets**.

MPUC8513	85216 High Current Plug (3)	7.15	6.79
MPUC8514	85214 High Current Socket (3)	7.15	6.79
MPUP5721	M157121 LiPo BX 1600mAh 3S1P-11.1V 20C	73.95	61.99
MPUP5736	M157136 LiPo BX 3200mAh 3S1P-11.1V 20C	149.95	99.99
MPUP5750	M157150 LiPo BX 4800mAh 3S1P-11.1V 20C	229.95	149.99
MPUP5791	M157191 LiPo BX 2500mAh 3S1P-11.1V 20C	107.95	69.99

## NOVAK BATTERY ACCESSORIES

Universal BECs are available

in 3A, high-voltage 3A, 5A

and high-voltage 5A versions.

Available for 2-, 3- or 4-cell

LiPos, **Smart-Stop Cut-Off**

**Modules** prevent crashes,

cutting motor power when

voltage gets too low.

Compatible with brushed

and brushless ESCs, all feature

One-Touch Set-Up™. **Smart Boost**

**1-Cell LiPo Step-Up Module**

expands racing opportunities for drivers, allowing users to run a 1-cell LiPo pack with the same equipment as a 2-3 cell LiPo or 4-7 cell NiMH pack! 12AWG, 14 AWG and 16 AWG silicone **Wire Sets** also available.

NOVC5474	5474 Smart Boost 1-Cell LiPo Step-Up Module	47.95	39.99
NOVC5500	5500 14 Gauge Silicone Wire 3' Black/3' Red	10.95	9.99
NOVC5510	5510 16 Gauge Wire 3' Black/Red	8.95	8.59
NOVC5530	5530 Super-Flex Silicone 12 Wire Blk/Red 3'	14.95	13.79
NOVM5460	5460 3 Amp Universal BEC	29.00	19.99
NOVM5463	5463 3 Amp HV Universal BEC	39.00	29.99
NOVM5465	5465 5-Amp Universal BEC	34.95	29.99
NOVP5466	5466 5-Amp HV Universal BEC	39.95	35.99
NOVP5470	5470 Smart Stop 2-Cell LiPo Cut-Off Module	34.95	24.99
NOVP5471	5471 Smart Stop 4-Cell LiPo Cut-Off Module	34.95	24.99
NOVP5472	5472 Smart-Stop 3-Cell LiPo Cut-off Module	34.95	24.99

## NOVAK BATTERY CROSS BARS

Made from 99.9% oxygen-free copper,

**Gold** and **Silver**

Novak cross bars

feature high-

performance plated

contacts for

assembling sub-C

NiCd and NiMH

battery packs.

**Micro Copper** cross bars are rigid and uniquely shaped, just like the larger versions, making them perfect for 2/3 A packs. Choose from packages of **7, 28** or **100**.

NOVC5810	5810 Battery Cross Bars Gold (7)	4.95	4.79
NOVC5811	5811 Battery Cross Bars Gold (28)	14.95	13.79
NOVC5812	5812 Battery Cross Bars Gold (100)	47.95	37.99
NOVC5820	5820 Battery Cross Bars Silver (7)	3.95	3.79
NOVC5821	5821 Battery Cross Bars Silver (28)	11.95	10.99
NOVC5822	5822 Battery Cross Bars Silver (100)	37.95	33.99
NOVC5825	5825 Micro Battery Cross Bars Copper (7)	3.95	3.79
NOVC5826	5826 Micro Battery Cross Bars Copper (28)	11.95	10.99
NOVC5827	5827 Micro Battery Cross Bars Copper (100)	36.50	31.99

## OFNA 5-CELL NIMH RX PACKS

10202



Ofna 6V 1700mAh Flat and Hump NiMH packs offer longer run times, more maneuvering muscle and faster servo reaction times than standard 4-cell NiCd packs. Packaged in black shrink-wrap for safety and convenience, both include a standard connector for easy installation.

		RETAIL	TOWER
OFNM1201	10201 5-Cell 6V 1700mAh NiMH Rx Flat U✓	34.95	29.99
OFNM1202	10202 5-Cell 6V 1700mAh NiMH Rx Hump U✓	34.95	29.99

## PARMA® SHRINK-WRAP

PARC1625



Transform unassembled cell sets into explosive battery packs with Parma Shrink-Wrap! Available in 2-1/2" and 3-1/2" tubes for 6-cell packs and 3" tubes for 7-cell packs, all can be easily applied using a heat gun.

PARC1625	2-1/2" Shrink Wrap 6-Cell Clear.....✓	3.79	3.69
PARC1626	3" Shrink Wrap 7-Cell Clear.....✓	3.99	3.79
PARC1627	3-1/2" Shrink Wrap 6-Cell Clear.....✓	4.49	4.29

## RADIO SOUTH PRO-ESV LCD BATTERY TESTER

• Fits perfectly in your pocket or field box!

Compatible with NiCds, NiMHs, LiPos and Lilions up to 20V, this pocket-perfect battery tester is calibrated within 0.05V for incredible accuracy. It also lets you see in advance how your battery will perform in real-life conditions. Users can set loads of 500mAh, 1A and 1.5A just by pressing a button! Includes a voltmeter, an easy-to-read LCD and a Futaba® "J" plug. 2-year warranty.



RADP2052	2050P Pro-ESV LCD Tester.....✓	76.99	63.99
----------	--------------------------------	-------	-------

## SMC 7.4V LIPO BATTERIES

4124LD



Lightning Volts hard-case LiPos deliver the exceptional performance you've come to expect from SMC! Choose from the 4200mAh pack with Deans® connector or the 5200mAh pack with Traxxas® connector both feature a 24C discharge rate. The dynamic C-Max 5200mAh Hard-Case LiPo features a discharge rate which exceeds 40C as well as a Deans Ultra Plug® connector. All include balancing connector. All require a LiPo-compatible balancing charger.

SUMC5065	5240CM 7.4V C-Max 5200mAh 40C+ Hard w/Deans	192.00	159.99
SUMC5105	4124LD 7.4V 4100mAh 24C Lightning Volts....	95.00	64.99
SUMC5120	5224LT 7.4V 5200mAh 24C Lightning Volts....	125.00	84.99

## TAMIYA 7.2V CONNECTOR SET

Perfect for replacing damaged battery connectors or for building your own pack! Includes one male and one female connector. Average length: 3" - 4" (76.2 mm - 101.6 mm).



TAMC5106	50106 7.2V Connector Set.....✓	4.60	4.39
----------	--------------------------------	------	------

## TEKIN® 7.4V 3400MAH POWER CELL LIPO PACK



BRCA- and ROAR-legal, this powerful LiPo pack features a tough polycarbonate case to withstand the rigors of racing, lasting at least 10 times as long as comparable NiCds and NiMHs! Includes an equalizing balancing port and bullet connectors. Requires leads and a LiPo-compatible balancing charger.

TEKC1600	TT1600 3400 LiPo Power Cell 7.4V.....✓	RETAIL 129.00	TOWER 89.99
----------	--	---------------	-------------

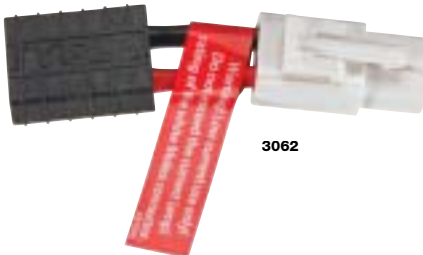
## TRAXXAS® NIMH BATTERIES



5-Cell 1100mAh Receiver Packs are available in a Flat version with Futaba® "J" connector for the Revø or in a Hump configuration with universal connector for all other Traxxas nitros. 7-cell Series 3 Power Cell 3300mAh packs are optimized for free-flowing power and maximum punch. Hump and Stick versions both include gold-plated Traxxas High-Current connectors. All require charger.

TRAC4941	2941 Series 3 7C 3300mAh Hump w/TRA....	45.99	32.99
TRAC4942	2942 Series 3 6C 3300mAh Stick w/TRA....	39.99	28.99
TRAM3036	3036 5-Cell 6V 1100mAh NiMH Rx Flat J Revø✓	30.00	26.99
TRAM3037	3037 5-Cell 6V 1100mAh NiMH Rx Hump J....✓	30.00	26.99

## TRAXXAS® BATTERY CONNECTORS



Male/Female Connectors are available together in a set (3060) or separately in packs of two (3070, 3080). Like Traxxas' connectors, Male-Female (3061) and Female-Male (3062) adapter sets for 12-gauge wire offer gold-plated terminals and reverse polarity protection.

TRAC3060	3060 Connector Male/Female (1).....✓	4.25	4.09
TRAC3061	3061 Adapter Male/Std Molex Female (1)✓	5.00	4.79
TRAC3062	3062 Adapter Female/Std Molex Male (1)✓	5.50	5.29
TRAC3070	3070 Connector Male (2).....✓	3.75	3.59
TRAC3080	3080 Connector Female (2).....✓	4.75	4.59

## TRINITY® I-BALANCE BATTERY MANAGER



TRI22006

The only battery system you'll ever need! Compatible with 1-15 cell NiCds/NiMHs, 1-6 cell LiPos/Lilions/LiFes and 2-20V lead-acid batteries, features include a built-in AC power supply, a built-in balancer, automatic charging current limit and more. Includes Futaba® "J", Deans® and JST connectors. You can control the I-Balance from your computer with the Laptop Interface Software. Includes USB cable. Replacement Thermal Sensors also available.

TRIP2006	TRI22006 Battery Manager.....	269.99	199.99
TRIP2007	TRI22007 Thermal Sensors.....✓	14.99	13.79
TRIP2008	TRI22008 Laptop Interface Software & USB✓	35.99	29.99

## TRINITY® BATTERIES

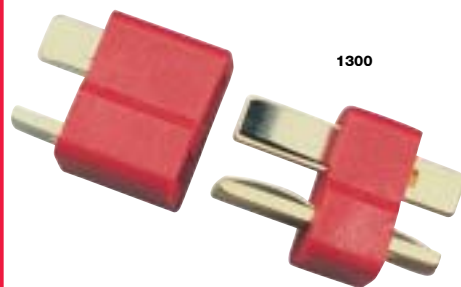
Whether you're a casual sport driver or a serious competitor, Trinity supplies you with unparalleled power! 5-, 6- and 7-cell Reference NiMH Packs (TRI20204-TRI20230) are available in 3600mAh, 4600mAh and 5000mAh versions with standard or Traxxas® connector, as well as a 2200mAh Tx Pack for the Futaba® 4PK. The 7-cell 4600mAh NiMH Pack (TRI20165) is ideal for high-drain applications, while the 2-cell 5200mAh LiPo Pack (TRI20540) is wired for balancing, offering more power and longer run times than NiCds or NiMHs. Both include Traxxas connector, 4600mAh NiMH Unassembled Cell Set (TRI20131) requires soldered battery bars, connector and battery wire.



TRI20225

		RETAIL	TOWER
TRIC0054	TRI20540 7.4V 5200mAh 35C HC LiPo Racing....	204.99	124.99
TRIC0165	TRI20165 7C 8.4V 4600mAh NiMH Flat TRA Plug	105.99	69.99
TRIC7131	TRI20131 EP4600 6C Race Matched Unassembled	93.69	54.99
TRIC7134	TRI20134 7C 8.4V 4600mAh NiMH Hump Traxxas	99.99	59.99
TRIC7204	TRI20204 Reference 6C 3600mAh Perf Traxxas	54.99	31.99
TRIC7206	TRI20206 Reference 6C 4600mAh NiMH Traxxas	84.99	49.99
TRIC7216	TRI20216 Reference 6C 3600mAh NiMH Std Plug	47.99	24.99
TRIC7219	TRI20219 Reference 6C 5000mAh NiMH Std Plug	99.99	53.99
TRIC7220	TRI20220 Reference 6C 5000mAh NiMH TRA Plug	104.99	62.99
TRIC7224	TRI20224 Reference 7C 4600mAh NiMH TRA Plug	99.99	54.99
TRIC7225	TRI20225 Reference 7C 5000mAh NiMH TRA Plug	119.99	67.99
TRIM0230	TRI20230 Reference 2200mAh NiMH Tx.....✓	29.99	19.99

## W.S. DEANS® BATTERY ACCESSORIES



1300

Heavy 16-gauge Red/Black Wire is corrosion-resistant and made from pure, pre-tinned copper for easy soldering. Flexible 12-gauge Wet Noodle™ wire comes in 2" packages to aid in small or large projects. Available individually or in packages of ten, male and female Ultra Plug® Pigtails eliminate the chance for reverse polarity connections, just like the 2-Pin Ultra Plug. See www.towerhobbies.com for details.

WSDC1000	1400 Silicone Wire 12-Gauge Red/Black 2'✓	5.95	5.69
WSDC1020	1402 Silicone Wire 12-Gauge Red/Black 4'✓	10.95	9.99
WSDC1410	1410 Wet Noodle 12-Gauge 2' Red/Black✓	6.95	4.99
WSDC1480	1480 16 Gauge Red/Black Wire 2'.....✓	3.29	3.19
WSDM1302	1302 Male Ultra Plug (2).....✓	3.75	3.59
WSDM1303	1303 Female Ultra Plug (2).....✓	2.75	2.69
WSDM2013	2013 Male Ultra Pigtail.....✓	4.75	4.59
WSDM2014	2014 Male Ultra Pigtail (10).....✓	46.10	38.99
WSDM3000	1301 Female Ultra Plug (4).....✓	5.95	5.69
WSDM3001	1300 2-Pin Ultra Plug.....✓	3.25	3.09
WSDM3003	1003 3-Pin Connector.....✓	1.60	1.49
WSDM3007	1222 Micro 2R Plug.....✓	1.55	1.49
WSDM3010	2010 Ultra Pigtail.....✓	4.25	4.09
WSDM3011	2011 Ultra Pigtail (10).....✓	42.50	35.99

## WOODWORKS LIPO SACKS

Protect your R/C investment from harmful LiPo explosions with these handy protective sacks! Constructed of woven fiberglass, the 9" x 12" fits in any field or pit box and holds up to six cells, while the 13" x 18" sack is large enough to hold a 6-cell 5000mAh battery. Weight 9" x 12": 4 oz. (113 g); 13" x 18": 8 oz. (227 g)



1000

WWLP1000	1000 LiPoSack 9"x12".....✓	29.95	23.99
WWLP1500	1500 LiPoSack 13"x18".....✓	45.95	39.99





Feed your hungry computerized radio, R/C model and starter box a new potent diet of Li-Power! Venom's Li-Power Series gives you more capability and longer life. When you're looking for true power and performance look no further than our Li-Power LiPO batteries.

## AIR



VNRA5002	2S 1P 7.4V 430mAh 20C JST .....	\$22.49
VNRA5003	2S 1P 7.4V 800mAh 20C JST .....	29.99
VNRA5005	2S 1P 7.4V 1320mAh 20C JST .....	33.99
VNRA5006	3S 1P 11.1V 1320mAh 13C JST .....	45.99
VNRA5007	3S 1P 11.1V 3200mAh 20C EC3 .....	116.99
VNRA5013	4S 1P 14.8V 3200mAh 30C .....	199.99
VNRA5014	5S 1P 18.5V 3200mAh 30C .....	239.99



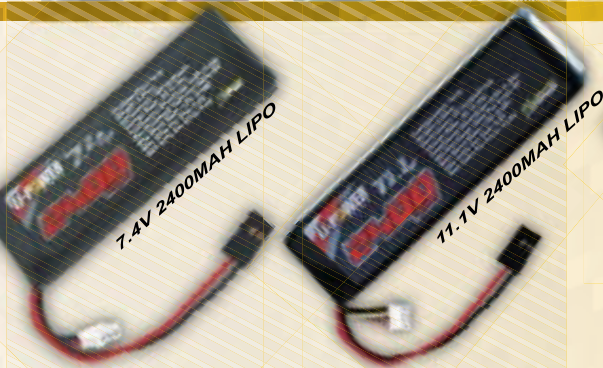
VNRA5015	6S 1P 22.2V 3200mAh 30C .....	\$289.99
VNRA5016	4S 1P 14.8V 3600mAh 25C .....	215.99
VNRA5017	5S 1P 18.5V 3600mAh 25C .....	248.99
VNRA5018	6S 1P 22.2V 3600mAh 25C .....	315.99
VNRA5019	5S 1P 14.8V 5000mAh 25C .....	248.99
VNRA5020	5S 1P 18.5V 5000mAh 25C .....	398.99
VNRA5021	6S 1P 22.2V 5000mAh 25C .....	398.99

## LAND



VNRC5023	2S 1P 7.4V 2000mAh 20C 1/16 Traxxas .....	\$44.99
VNRC5024	3S 1P 11.1V 1300mAh 20C 1/16 Traxxas .....	44.99
VNRC1508	2S 2P 7.4V 5400mAh 20C Traxxas Plug .....	99.99
VNRC1509	3S 2P 11.1V 6400mAh 20C Traxxas Plug .....	179.99
VNRC1510	2S 2P 7.4V 8000mAh 20C Traxxas Plug .....	189.99
VNRC1553	2S 7.4V 3200mAh 20C Traxxas Plug .....	69.99
VNRC1554	2S 7.4V 4000mAh 20C Traxxas Plug .....	84.99
VNRC1555	2S 7.4V 5000mAh 20C Traxxas Plug .....	99.99
VNRC9950	2S 7.4V 1250mAh 10C GPV-1 .....	27.99
VNRC9951	3S 11.1V 800mAh 10C GPV-1 .....	34.99

## TRANSMITTER



VNRM1559	2S 7.4V 1600mAh 10C Flat Receiver Pack .....	\$34.99
VNRM5000	2S 1P 7.4V 2400mAh Flat Receiver Pack .....	32.99
VNRM5001	2S 2P 7.4V 2100mAh Hump Receiver Pack .....	29.99
VNRM5011	3S 1P 11.1V 3000mAh Transmitter Pack M11 MX3 .....	69.99
VNRM5012	3S 1P 11.1V 2400mAh Transmitter Pack Z-1 Helios .....	46.99

## STARTER BOX



VNRP5004	14.8V 2100mAh 20C Starter Box LiPo .....	\$79.99
----------	--	---------



© Copyright 2009 Venom Group International

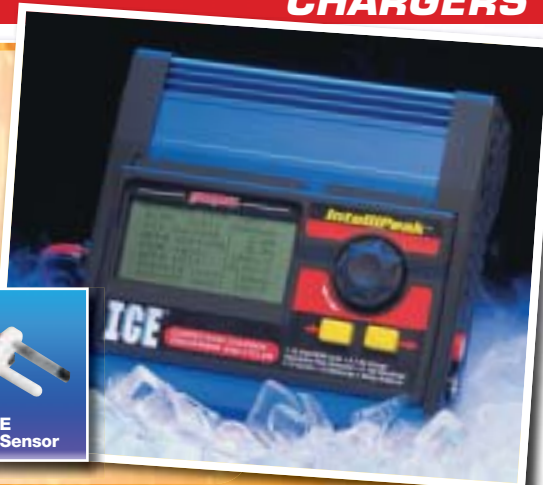




## COMPETITION CHARGER, DISCHARGER AND CYCLER

When competition calls, answer with the ICE! You can break in motors, run comm lathes and use it with NiCd, NiMH and Lithium packs. Features include 4 charge modes, 0.1-8A fast-charging, 0.1-10A discharging and an 8x21 LCD that displays pack data and graphs of charge and discharge voltage. What's more, ICE programming lets you name and store up to 10 setups in memory, cycle NiCds or NiMH packs up to 10 times automatically and pull up capacity and voltage for the last 10 cycles. And it's easy to enjoy the best the ICE has to offer; simple push-button/dial operation does it all. Optional **Temperature Sensor** sold separately.

Stock #	Description	Retail	Tower
DTXP4170	IntelliPeak ICE DC Competition Charger.....	\$199.99	\$114.98
DTXP4171	IntelliPeak ICE Battery Temperature Sensor.....	9.99	8.99



## ONYX™ PEAK CHARGERS



240 Dual w/LCD



100 AC/DC Peak

The new **Onyx 100** cuts the price of peak charging to the bone, but still offers every Onyx feature: AC/DC ease, NiCd/NiMH compatibility, multiple charge rates, automatic trickle charging, a standard connector, port for charging 4- and 5-cell receiver packs, a safety timer and a 5-year limited warranty. It starts charging automatically. All others offer stop/start controls and sound cues to signal setup progress and problems. The **230 Advanced** and **220 Programmable** offer maximum versatility and ease, with push-button setup, reversed, backlit LCDs, adjustable peak sensitivity and charge rates, a manual override for trickle charging and battery memory for custom setups. And with the 230 Advanced, you can also charge LiPo, Lilon and even LiFe cells!

Stock #	Description	Retail	Tower
DTXP4190	Onyx 100 AC/DC Peak Charger.....	\$44.99	\$29.99
DTXP4200	Onyx 200 AC/DC Sport Peak Charger.....	59.99	39.99
DTXP4210	Onyx 210 AC/DC Peak Charger w/LCD.....	74.99	49.99
DTXP4220	Onyx 220 AC/DC Programmable Charger w/LCD.....	89.99	59.99
DTXP4230	Onyx 230 AC/DC Advanced Charger w/LCD.....	119.99	79.99
DTXP4240	Onyx 240 AC/DC Dual Charger w/LCD.....	139.99	89.99



## PULSE CHARGERS

These smart, AC/DC peak chargers offer you affordable ways to charge, discharge and cycle a single NiCd and NiMH pack — or peak two NiCd or NiMH packs at once!

For basic charging, there's the **AC/DC Pulse Charger**. It can charge at 0.5-6.5A on DC power\*, discharge at 1A, put a pack through one or more cycles automatically...and switch to trickle automatically at peak.

The **AC/DC Twin Pulse Charger** can peak-charge a 6-8 cell pack on one side, a 6-7 cell pack on the other or one of each simultaneously — all without a single command. It starts charging at pack hook-up and cools packs with a built-in fan while they charge. Both include overload, thermal and reverse polarity protection, as well as a 1-year limited warranty.

\* 0.5-4.0, AC

Stock #	Description	Retail	Tower
DTXP4100	IntelliPeak AC/DC Pulse Charger.....	\$89.99	\$49.99
DTXP4150	IntelliPeak AC/DC Twin Pulse Charger.....	119.99	54.99



Twin Pulse



Pulse



AC/DC Digital Peak Charger NiCd/NiMH



DC Peak Charger NiCd/NiMH



## PEAK CHARGERS

The **DC Peak Charger** makes peaking NiCd and NiMH packs as easy and inexpensive as it gets. Set the selector for 6 or 7 cells, push the start button...and it does the rest. It can't overcharge, because it automatically switches to trickle at peak. And it won't bust your budget, because it's bargain-priced. The **Digital Peak Charger** boasts programming ease and peak charging perfection for 1-8 NiCd and NiMH cells. Settings for 6 features — including peak detection sensitivity — can be customized and stored in 10-model memory, but the Digital will always peak your pack... even when no routine has been specified. An angled, 2-line LCD confirms choices and constantly displays pack data during charging. Both include a 1-year limited warranty.

Stock #	Description	Retail	Tower
DTXP4002	Piranha DC Peak Charger.....	\$29.99	\$14.99
DTXP4005	Piranha AC/DC Digital Peak Charger.....	89.99	49.99



## HOBBIKO® Accu-Cycle™ PRO SERIES Elite

For R/C System Batteries

As easy as you want—  
as versatile as you  
need it to be!



**NiMH  
Cd**  
& LiPo  
packs, too!



Enter your battery's chemistry, voltage and capacity, and the Auto Smart Set will automatically set a safety time-out period, charge rate and voltage cut-off for a LiPo pack. It will do the same for NiCd and NiMH packs and the right trickle charge rate, too!

For the best in radio battery care, there's nothing like the Accu-Cycle Elite. It can handle LiPo and Lilon cells as well as NiCds and NiMHs. It can charge, discharge, condition good cells and packs for longer life and even help identify bad packs before you fly. It's designed so you can work with a single Tx or Rx pack, or one of each simultaneously. For maximum ease, you can have the Auto Smart Set calculate a safe charge rate, trickle rate, voltage cut-off and safety time out. Ask for more versatility, and the Elite can help you customize charge rates, discharge rates, voltage cut-off and the number of cycles with push-buttons and store the routine for next time in 10-model memory. And while that's happening, the Elite will also keep you aware of progress with status/alarm sounds and messages that come up big and bold on a 16-character LCD. It offers two ways to terminate charging and discharging — but add the optional **Temperature Sensor** and the Elite will stop when preset temperature limits are exceeded, too. It requires banana plugs, leads and connectors — available together in 39" long **Charge Leads**.

**NOTE:** Most modern transmitters feature diode protection, which prevents NiCds from being discharged through radio circuitry. To be discharged, NiCds must be connected directly to Accu-Cycle.

Stock #	Description	Retail	Tower
HCAPO280	Accu-Cycle Elite Battery Cycler..... <b>3 PAY \$46.66</b>	\$249.99	<b>\$139.98</b>
HCAPO281	Accu-Cycle Elite Temperature Sensor..... ✓	10.99	<b>9.99</b>
HCAPO101	Futaba J Tx/Rx Charge Leads No 9VAP..... ✓	9.99	<b>8.99</b>

Stock #	Description	Retail	Tower
HCAP0102	Futaba J Tx/Rx Charge Leads 9VAP Only..... ✓	\$9.99	<b>\$8.99</b>
HCAP0105	JR Tx/Rx Charge Leads..... ✓	9.99	<b>8.99</b>
HCAP0106	Hitec/Air Z Tx/Rx Charge Leads..... ✓	9.99	<b>8.99</b>
HCAP0110	Charge Leads 9V Tx Plug & Futaba J Rx..... ✓	9.99	<b>8.99</b>

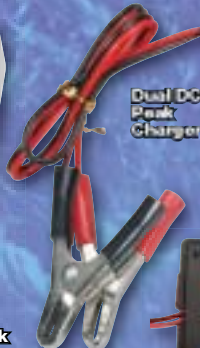
## PEAK CHARGERS

Hobbico has three ways to enjoy charging economy and ease anytime you're at the field. All feature auto-trickle after peak, 2-year limited warranty protection, alligator clips on input and banana jacks on output. With the **QuickPeak™**, you can peak a 4.8V or 9.6V NiCd radio pack in as little as 25 minutes. Starts charge automatically and stops the same way once peak (or 90 minutes of charge time) has been reached. **Quick Field Charger MkII™** is really two linear chargers in one, and both can peak 1-8 cell NiCd or NiMH packs or charge 1-3 cell LiPo packs. Includes voltmeter jacks, adjustable current, audible/visible cues, and on/off switch. **Dual Peak DC Charger** automatically pulse charges either one or two 6-8 cell NiCd or NiMH packs to peak. Includes leads with Deans® Ultra® Plug connector and gold-plated banana plugs. Both others require output leads and connectors.

Stock #	Description	Retail	Tower
HCAM3005	QuickPeak Tx/Rx DC Field Charger..... ✓	\$49.99	<b>\$32.99</b>
HCAPO255	Dual Peak DC Charger.....	79.99	<b>49.99</b>
HCAPO290	Quick Field DC Charger MkII 12 Volt.....	79.99	<b>54.99</b>



QuickPeak  
Tx/Rx  
DC Field  
Charger



## CHARGERS

Built to last with the  
features you want most.



Stock #	Description	Retail	Tower
HCAP0100	R/C Multi-Charger.....	\$54.99	<b>\$29.99</b>
HCAP0123	850 AC/DC Auto-Charger.....	34.99	<b>21.99</b>
HCAP0125	900 AC/DC Auto-Charger.....	44.99	<b>24.99</b>
HCAP0150	905 AC/DC Multi-Charger.....	57.99	<b>32.99</b>
HCAP0175	910 AC/DC Vari-Rate Multi-Charger.....	69.99	<b>44.99</b>
HCAP0117	2-Hour AC Wall Charger 7.2V Pack. ✓	9.99	<b>7.99</b>
HCAP0250	12V Power Supply w/5V Tap.....	169.99	<b>99.99</b>



Low-cost **AC Wall Charger** recharges 6-cell packs in about 2-3 hours. Compact **850** for 6-cell packs starts at hook-up and switches to trickle automatically after 30 minutes. Includes 1-year warranty. **Series 900** chargers for 6-and 7-cell packs feature 15-minute timers, auto-trickle and a 5-year warranty. Choose from the basic **900, 905** with discharging and an ammeter and the **910**, which adds a 7-cell boost switch, 0-3.5A charging and voltmeter jacks to 905 features. With the **R/C Multi-Charger™**, you can charge everything from single NiCd or NiMH cells to 12V starter batteries. Four independent outlets (and 10-500mA charge rates) make it a versatile addition to your field equipment. The **12V Power Supply** makes it easy to run DC chargers from AC current. It yields a constant 13.8V at 11.5A, and features a 5V tap that delivers up to 3A for comm lathes and motor break-in.





# TRITON™ CHARGERS

**Programmable Chargers,  
Dischargers & Cyclers**

**The DC-only originals...**



Triton Thermal Probe

Triton™ Jr.

	Triton JR	Triton2
Input:	DC	same
Memory:	1	10
Cycles:	1-5^	1-10^
# of Cells/Chemistry	1-14 NiCd/NiMH 1-4 LiPo/LiIon 1-6 (2-12V) Pb	1-24 NiCd/NiMH 1-5 LiPo/LiIon 3-12 (6-24V) Pb
Fast Charge Current:	0.1-5A NiCd/NiMH* 1C LiPo/LiIon/Pb	0.1-7A NiCd/NiMH* same
Charge Termination:	Peak NiCd/NiMH cc/cv LiPo/LiIon/PB	same same Thermal cutoff option**
Display:	2x16 LCD w/blue-backlighting	same
Data:	Peak, input & output volts; average discharge volts; charge & discharge current, time & capacity; status/error messages	same

\* = maximum value. Assumes AC power. ^ = NiCd/NiMH cells only; \*\* = Requires optional Thermal Probe (GPMM3151)



Triton2™

**...and EQ versions with balancing and AC/DC versatility**



TritonEQ™

	TritonEQ	Triton2 EQ
Input:	AC/DC	AC/DC
LiPo Balancing:	yes	yes
Memory:	1	10
Cycles:	1-5^	1-10^
# of Cells/Chemistry	1-14 NiCd/NiMH 1-6 LiPo/LiIon/LiFe 1-6 (2-12V) Pb	1-24 NiCd/NiMH same 3-12 (6-24V) Pb
Fast Charge Current:	0.1-5A NiCd/NiMH* 1C LiPo/LiIon/Pb	0.1-8A NiCd/NiMH* same
Charge Termination:	Peak NiCd/NiMH cc/cv LiPo/LiIon/PB	same same Thermal cutoff option**
Display:	2x16 reversed LCD w/blue-backlighting & adjustable viewing angle	same
Data:	Peak, input & output volts; average discharge volts; charge & discharge current, time & capacity; status/error messages; individual LiPo cell voltages	same

\* = maximum value. Assumes AC power. ^ = NiCd/NiMH cells only; \*\* = Requires optional Thermal Probe (GPMM3151)



Triton2™ EQ



These days, modelers want the most charger for their money. Some want the most value; some want the most versatility. But everyone can find what they're need in a Triton charger. Each one offers the opportunity to customize and store routines for NiCd, NiMH, Lithium and lead-acid batteries, adjust charge and discharge rates, cycle packs. Easy-read blue-backlit LCDs and sound cues not only ease setup work, but keep you aware of pack status and errors.

Looking for the perfect minimum-assist battery system? The **Triton Jr.** offers it all for the lowest possible price, weight and size. Streamlined menus and a simple, four-direction membrane touchpad make it easy to

tap its potential for radio packs, small power packs and more. Move up to the **Triton2**, and you increase capacity, power and cooling and add temperature-sensing to your discharge options.

**EQ Series** Tritons offer the features that modelers want most. Both include an AC power supply for AC/DC convenience, a built-in balancer for LiPo packs, the power to handle LiFe packs and a reversed, backlit LCD with adjustable viewing angle. The **Triton2 EQ** combines them with more power and the most sophisticated battery capabilities ElectriFly has ever offered. The **TritonEQ** tailors tools and cost to the power needs of micro helis and indoor electrics.

Stock #	Description	Retail	Tower
GPMM3152	Triton Jr DC Charger.....	\$119.99	\$74.99
GPMM3153	Triton2 DC Charger.....	199.99	119.98

2 PAY \$59.99

Stock #	Description	Retail	Tower
GPMM3155	Triton EQ AC/DC Charger.....	\$199.99	\$129.99
GPMM3156	Triton2 EQ AC/DC Charger.....	299.99	199.98
GPMM3151	Triton Thermal Probe.....	9.99	8.99

3 PAY \$43.33  
3 PAY \$66.66



### EQUINOX™ LIPO CELL BALANCER



Perfect for Power Series and BP Series balanced packs!

The best way to get the longest life and most power from 2-5 cell LiPo packs is to make sure the voltage of each cell is "balanced" during charging\* and discharging. The Equinox holds the voltage of each cell to within a few millivolts of all others, ensuring safe operation with maximum performance. It also checks for "bad" cells automatically, whether you use it connected to the pack alone ("Quick Balance" mode) or between the pack and a LiPo-compatible charger/discharge in "Interface" mode. It handles a maximum of 3A (6A with custom connectors) and includes both gold-plated banana plugs and adapters for 7.4V and 11.1V (2S and 3S) ElectriFly LiPo packs wired in series. Adapters available at [www.towerhobbies.com](http://www.towerhobbies.com).

\*Equinox cannot be used with LiPo batteries which have built-in charge protection circuits.

Stock #	Description	Retail	Tower
GPMM3160	Equinox LiPo Cell Balancer.....	\$54.99	\$34.99

### POLYCHARGE4™ LIPO CHARGER

The last word in LiPo charging convenience!



PolyCharge4 independently charges up to four lithium-polymer batteries at once!

It's like having 4 chargers in one! Each of the PolyCharge4's four independent outputs can charge a 1-4 cell LiPo pack — saving time and the expense and hassle of using multiple chargers. Each output can handle packs from 300 to 3000mAh. Set the capacity — and PolyCharge4 will automatically set the charge rate to get you started. Light and sound cues tell you when your pack is done, and also provide warnings for improper input voltage, output reverse polarity and more. A cooling fan is built-in to keep operating temperatures down.

Stock #	Description	Retail	Tower
GPMM3015	PolyCharge4 DC 4-Output Lipo Charger.....	\$159.99	\$94.99

### PEAK CHARGERS

Peak charging convenience for Park Flyers!



ElectriFly  
DC Peak  
Charger

Peak 400 DC  
1-10C Peak  
Charger

AC Park  
Flyer Peak  
Charger

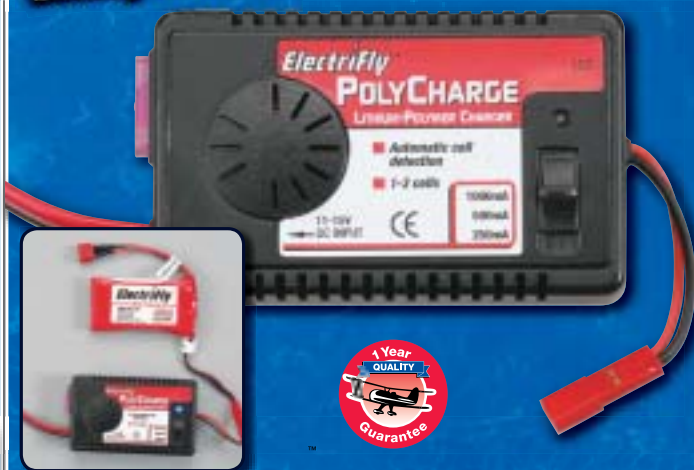
NiMH  
NiCd

It was designed for small electric and radio batteries, but the **DC Peak Charger** can pulse charge any 6-8 cell NiCd or NiMH pack. Charges at either 200mA or 600mA before switching automatically to 15mA trickle charge. Low-cost **AC Park Flyer Peak Charger** is a handy way to charge park flyer and transmitter batteries. Designed for 1-8 "AA" or "AAA" NiCd or NiMH cells, it offers 200-800mA charge rates and trickle charge. Ideal for Speed 400 electrics, the **Peak 400 DC 1-10 Cell Peak Charger** succeeds where basic park flyer chargers fail and full-size chargers are too much. Peak detection technology ensures full, deep charging. Features three fast-charge rates, as well as three trickle rates. All have a 1-year limited warranty.

Stock #	Description	Retail	Tower
GPMM3000	DC Peak Charger .....	\$49.99	\$19.99
GPMM3001	Peak 400 DC 1-10C Peak Charger .....	49.99	29.99
GPMM3005	AC Park Flyer Peak Charger .....	59.99	22.99

### POLYCHARGE™ LIPO CHARGER

Fast, easy, and affordable LiPo battery charging.



With the DC-only PolyCharge, charging 1-3 cell LiPo packs for small electrics is easy and economical. About the size of a credit card, PolyCharge weighs just four ounces so it's easy to slip in a pocket and take anywhere. All you do is set the charge rate (250mA, 500mA or 1,000mA). Charging begins when a pack is connected, and stops when the pack is fully charged. A buzzer and blue LED confirm status and signal diagnostic alerts. Includes 30" input lead with alligator clips and a standard 2-pin connector on the output lead. 1-year limited warranty.

Stock #	Description	Retail	Tower
GPMM3010	PolyCharge Lithium Polymer DC Charger.....	\$39.99	\$19.99





## 11.1V BALANCING LIPO PEAK CHARGERS



They're ultra-light, extremely compact and absolutely unbeatable for performance, convenience and cost. They start equalizing cell voltages as soon as they're connected to a pack, and charge at a fixed 800mA rate. A glowing red LED indicates a charge in progress; a glowing green LED tells you that each cell has been charged to the absolute 4.2V maximum. The **Balance Charger**, for packs of 800mAh or more, includes both an AC/DC adapter and a DC adapter for vehicle power receptacles. So does the **Balancing Smart Charger AC/DC** for 11.1V LiPo packs of 1500mAh and up. **Balancing Smart Charger DC** offers the 1500mAh capacity, the DC adapter...and the lowest price of all three! All include 1-year limited warranty.

Stock #	Description	Retail	Tower
GPMM3316	11.1V 3S LiPo Balance Charger w/AC&DC Supply.....	\$34.99	\$29.99
GPMM3318	3S LiPo Balancing Smart Charger w/AC & DC Adapter.....	39.99	34.99
GPMM3319	3S LiPo Smart Charger w/DC Car Adapter.....	26.99	22.99

11.1V 3S  
LiPo Balance  
Charger



## RACING ELECTRONICS

• The choice of champions everywhere!

Designed for the serious competitor, the programmable **Cell Master Platinum** can peak NiCd, NiMH or LiPo cells by peak detection, temperature limit or capacity limit methods...or repeal a pack with the CTX charge mode. The economical **Silent Charger** is available in a DC-only model for racers and an AC/DC version for sport drivers. Charge and discharge rates are adjustable, but the voltage cut-off sets itself automatically when you hook up your pack. **Power Master World Edition** delivers 24A of power and two sets of taps. A built-in cooling fan enhances efficiency by preventing heat build-up.

Stock #	Description	Retail	Tower
MMRP1000	Cell Master Platinum Charger Black.....	\$299.99	\$169.99
MMRP1004	AC/DC Silent Charger Platinum.....	269.99	169.99
MMRP1012	Silent Charger LiPo Cell Balancer.....	79.99	49.99
MMRP1050	CTX-P Power Master World Edition 2/24A Black.....	219.99	139.99
MMRP1051	CTX-P Power Master World Edition 2/24A Blue.....	219.99	139.99



## TC-1030 PRO CHARGER

Small in size, huge in must-have features and functions for racing! LiPo-, NiCd- and NiMH-compatible, the DC-only TC-1030 offers 5 charge modes and 0.1-10A rates, discharging at 0.1-10A linear and 20A or 30A custom-pulsed rates; a Dead Short mode; 3 motor modes (test, 1-step and programmable 4-step break-in) and 20A current at up to 1.5V; 10-battery memory, NiCd/NiMH cycling (up to 10 cycles) — all for an incredibly low Tower Hobbies price.

Stock #	Description	Retail	Tower
TCPP9100	TC-1030 Racing Charger.....	\$279.99	\$154.98
TCPP9101	TC-1030 Charger Temperature Sensor.....	9.99	5.99

## PRO CAR LIPO BALANCER

The hook-up for getting the most from balanced 2-3 cell LiPo packs!

Works alone or with a LiPo charger, balancing voltages in each cell until charging or discharging is complete. It also checks for bad cells while it works — and turns off automatically! Includes **2S Adapter** for 4 mm bullet terminals. **2S 3.5 mm Adapter** (for 3.5mm terminals) and **2S XH Adapter** (for pack connectors) also available. 1-year limited warranty.

Stock #	Description	Retail	Tower
TCPP9150	Pro Car LiPo Balancer.....	\$59.99	\$39.99
TCPP9151	Pro Car LiPo Balancer 2S Adapter.....	3.49	3.19
TCPP9152	Pro Car LiPo Balancer 2S 3.5mm Adapter.....	3.99	3.59
TCPP9155	Pro Car LiPo Balancer 2S XH Adapter.....	3.99	3.59

## TOWER HOBBIES®

### AC/DC PEAK CHARGERS



See back cover.



AC/DC  
Peak  
Charger

AC/DC Digital Peak  
Charger w/LCD

**5  
Year  
Limited  
Warranty!**

The **AC/DC Peak Charger** is about as inexpensive, basic and safe as it gets. It starts charging when you hook up a 4-8 cell NiCd or NiMH pack and ensures a full charge every time. Charging ends automatically at 8mV/cell and switches to a safe trickle rate the same way. 5-year limited warranty. The programmable **AC/DC Digital Peak Charger** offers a wider cell range (1-8), plus 10 memories for storing custom charting setups. Peak sensitivity, trick and charge rates are adjustable to ensure top results. Sound cues — and a 2x8 LCD that displays volts, peak setting, current, capacity and error messages — ensure fast progress and fewer problems. 1-year limited warranty.

Stock #	Description	Retail	Tower
TOWP0160	AC/DC Peak Charger.....	\$39.99	\$29.99
TOWP0170	AC/DC Digital Peak Charger w/LCD.....	79.99	49.99



## ASSOCIATED CHARGING ACCESSORIES

**Pulsar Competition 3 Charger/Discharger** charges 1-8 cell NiCds/NiMHs and 1-3 cell LiPos. Features an extra-large LCD, linear and flex charge modes and a cooling fan. Compact **LRP 14A Power Supply** with intelligent circuitry features a 100-230V input voltage range, a computer-operated fan, multi-function output sockets, a U.S./Japan power cord and a European power cord.

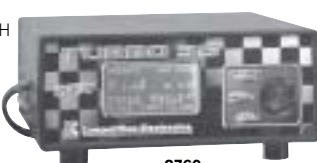


LRP41552

		RETAIL	TOWER
ASCP4152	LRP41552 Pulsar Competition 3 Charger...	265.99	154.99
ASCP4350	LRP43150 LRP 14 Amp Power Supply .....	179.99	104.99

## COMPETITION ELECTRONICS CHARGING ACCESSORIES

Compatible with 1-8 cell NiCd/NiMH and 1-3 cell LiPo packs, the **Turbo 35 GFXCharger/Discharger** stores up to 10 different setups and includes a USB port to download real-time data to your PC. Requires 12-16V, 20A power supply. Compact **23A DC Power Supply** features short-circuit, over-current and over-voltage protection, a 3-year limited warranty and more!



3760

CEIP3710	3710 Power Supply 23 Amp .....	174.96	129.99
CEIP3760	3760 Turbo 35 GFX Charger/Discharger....	629.95	449.99

## ELECTRIFLY™ BY GREAT PLANES® ADAPTERS & CONNECTORS

Stay connected with these adapters and connectors from Electrify! **Charge Leads** with banana plugs are available for batteries with Deans® Ultra Plug® and Micro® connectors as well as batteries with a Heli-Max™ Micro plug for the Novus™ series. **ESC and 2-to-1 Adapters** are ideal for Deans Ultra Plug connectors – **Deans Micro-Deans Ultra** and **Deans Ultra-Standard** adapter sets are also available. Other choices include gold-plated **Bullet Adapters, Power Connectors** for the FlyZone™ Cessna® 182 Skylane® Select-Scale RTF and a **2-Pin/Banana Plug Charge Adapter** set.



GPMM3148

GPMM3105	2-Pin/Banana Plug Charge Adapter.....	4.99	3.99
GPMM3109	Power Connectors .....	3.99	2.99
GPMM3122	Bullet Adapter 3.5mm Male/2mm Female (3) .....	5.99	5.49
GPMM3123	Bullet Adapter 4mm Male/3.5mm Female (3) .....	5.99	5.49
GPMM3127	Deans Micro/Deans Male Ultra Adapter .....	5.99	4.99
GPMM3130	Deans Female Ultra/Standard Adapter .....	5.99	5.49
GPMM3131	Deans Male Ultra/Standard Adapter .....	5.99	5.49
GPMM3141	Parallel ESC Adapter Deans Ultra .....	10.99	8.99
GPMM3142	Parallel Deans U 2 to 1 Adapter .....	10.99	8.99
GPMM3143	Series Deans U 2 to 1 Adapter .....	10.99	8.99
GPMM3148	Charge Lead Deans Plugs/Deans Male Ultra .....	7.99	6.99
GPMM3149	Charge Lead Banana Plugs/Deans Micro .....	5.99	4.99
GPMM3150	Charge Lead Banana Plugs/HeliMax Micro Plug .....	5.99	5.49

## HITEC® CHARGERS



43025

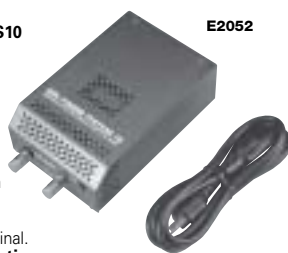
Charge with confidence — choose Hitec! The **CG-25A AC Charger** charges 9.6V transmitter or 4.8V receiver NiCds simultaneously or individually. **CG-S35** is a Switching Mode Power Supply that's ideal for 9.6V transmitter or 4.8V receiver NiMHs. Both are compatible with any Hitec radio.

HRC3025	43025 CG-25A Charger Tx/Rx 110V.....✓	13.95	12.99
HRC3050	44350 CG-S35 Charger Tx/Rx NiMH Battery.....✓	14.99	13.79

## INTEGY CHARGING ACCESSORIES

Super high-efficiency, switching-type **10A PS10 Power Supply** is ideal for motor lathes, DC battery chargers and more. Includes 12V charger terminal and AC power cord. Blue aluminum 12V **Super Power Station** can power two 18A terminals with output jacks or one 36A terminal.

**NDI 16x705 Multifunction All-in-One Charger** charges 1-6 cell LiPos and 1-14 cell NiCds/NiMHs. **6-Channel 12V DC Power Strip** features 45A fuse protection.



E2052

		RETAIL	TOWER
INTP2036	E2036 Team 12VDC 6 Channel Power Strip...	29.99	26.99
INTP2045	E2045 Super Power Station 36A 12V Power .....	199.99	189.99
INTP2052	E2052 12V 10A DC Power Supply PS10.....	65.99	59.99
INTP2053	E2053 NDI 16x705 Multifunction Charger .....	99.99	89.99

## MULTIPLEX LN-5014 MULTI-CHARGER



At just over half a pound, Multiplex's versatile charger/discharger/cycler provides everything that 1-14 cell NiCd, 1-14 cell NiMH, 1-5 cell LiPo/Lilon and 1-6 cell lead acid batteries need. Its illuminated LCD screen provides such information as battery type, charging time, charge/discharge mAh and error messages. Features adjustable charge, discharge and trickle charge rates and input/output clips. Requires 11-15V DC power supply.

MPUP9531	92531 LN-5014 Multi Charger .....	117.95	74.99
----------	-----------------------------------	--------	-------

## OFNA CHARGERS & POWER SUPPLIES

The vented, anodized aluminum **9-14V AC Power Supply** delivers 18A of current to all pit equipment. Features include a cooling fan, short-circuit protection and more. Compact **12V/30A DC Supreme Power Supply** features short-circuit protection, heavy-duty gold-plated connectors and more! The **DigiPeak 3 AC/DC Battery Charger/Discharger** delivers the juice to 1-4 cell LiPos and 1-14 cell NiCds/NiMHs!



92136

OFNP1214	10214 NiMH Battery Charger 110V AC.....✓	7.95	7.99
OFNP9134	92134 Supreme Power Supply 30AMP 120V DC .....	149.95	99.99
OFNP9135	92135 Power Supply 12V DC 10 Amp 110V .....	49.95	42.99
OFNP9136	92136 Power Supply 9-14V 18A 110AC.....	129.95	99.99
OFNP9849	91849 DigiPeak 3 Peak Charger Multi-Cell.....	199.95	136.99

## RC ELECTRONICS WATT'S UP WATT METERS

With the 2.3 oz. (65 g) Watt's Up, you can troubleshoot erratic servo/receiver operation, check charging problems and prevent performance problems before they happen. Compact in size it measures eight critical electrical values with 99.9% accuracy, including peak amps, peak watts, minimum voltage, current, pack capacity and more! No batteries required. Available in **Blue** and **Onyx**.



WU100-B

RELPO100	WU100-B Watt's Up Watt Meter Blue.....✓	59.95	53.99
RELPO102	WU100-BK Watt's Up Watt Meter Onyx.....✓	59.95	53.99

## TAMIYA CHARGER & POWER SUPPLY

The **High-Performance Battery Charger** can charge 1-14 cell NiCds and NiMHs as well as 1-6 LiPos. Features include an IC-controlled cooling fan, automatic discharge cutoff voltage, trickle charging, a discharging mode, 4-button programming and a separate temperature probe. The **24A Stable Power Supply** features two positive and two negative taps, compatibility with alligator clips and banana plugs as well as a status LED.



42136

		RETAIL	TOWER
TAMP4235	42135 High-Performance Battery Charger .....	514.00	389.99
TAMP4236	42136 Stable Power Supply 24A Tentative .....	364.00	269.99

## TRAXXAS® CHARGERS

The AC/DC **TRX® Power Charger** automatically peaks 5-cell NiCd or NiMH receiver packs in less than an hour. Includes a 7.2V EZ-Start™ pack adapter, an AC adapter and universal connector. Requires DC adapter. Equally at home with AC power or at the track with DC power, the **EZ-Peak® Charger** features patented peak detecting software which ensures a full charge — each and every time! Great for 6-8 cell packs, it charges at up to 4A — no programming required. Features a red status LED and a Traxxas High-Current Connector.



3030X

TRAM3029	3030X TRX Power Charger.....	40.00	29.99
TRAP2930	2930 EZ-Peak Charger w/High Current Connector .....	47.99	34.99

## UPGRADE ONYX 230 CHARGER SKINS

UPG3418



Designed for the DuraTrax® Onyx™ 230 (DXTP4230, see page 159), UpGrade charger skins are uniquely die-cut for perfect fits and easy application. Each one is nearly 0.5 in (12 mm) thick to hold up against typical R/C wear and tear. Styles include **Carbon**, **Hyper Flames w/Carbon Red**, **Hyper Flames w/Carbon Blue**, **Skull Red**, **Skull Blue** and **R/C Ink**.

UPG3418	UPG3418 Onyx 230 Carbon.....✓	14.99	13.99
UPG3419	UPG3419 Onyx 230 Hyper Flames w/Carbon Red.....✓	14.99	13.99
UPG3420	UPG3420 Onyx 230 Hyper Flames w/Carbon Blue.....✓	14.99	13.99
UPG3421	UPG3421 Onyx 230 Tribal Skull Red .....	14.99	13.99
UPG3422	UPG3422 Onyx 230 Tribal Skull Blue .....	14.99	13.99
UPG3423	UPG3423 Onyx 230 R/C Ink .....	14.99	13.99

## VENOM™ CHARGERS

Available in **DC** and **AC/DC** versions, the versatile **Pro Charger** charges 2-20V lead acid batteries, 1-15 cell NiCds/NiMHs and 1-6 cell LiPos/Lilons/LiFes without breaking a sweat. Features 10-model memory, six different charging plugs, a USB port, discharging/cycling/balancing capabilities and more! The AC/DC **Pro Charger Plus** is great for 2-36V lead acid batteries, 1-27 cell NiCds/NiMHs and 1-8 cell LiPos/Lilons/LiFes. Affordable **2-3 Cell LiPo Balance Charger** includes a balancing plug and an AC adapter.



0657

VNRPO653	0653 LiPo Balance Charger 2-Cell/3-Cell.....✓	29.99	23.99
VNRPO656	0656 DC Pro Charger .....	159.99	109.99
VNRPO657	0657 AC/DC Pro Charger U/L Approved.....	199.99	139.99
VNRPO660	0660 AC/DC Pro Charger Plus Peak Bal U/L .....	299.99	199.99

## Charger Shopping Tips

**AC vs. DC.** AC units plug into 110V home outlets. DC units require a 12V battery or power supply. AC/DC units can use both, so you can charge anywhere!

**CAPACITY.** How much energy a cell can store, in milliamp-hours (mAh).

**CAPACITY, CHARGER.** How many cells can be charged. May be expressed as a range of cell capacities (100-1,300mAh), voltages (1.2-9.6V) or cells (1-8).

**CELL.** The "building blocks" of a battery pack. Cells vary in size, capacity (mAh) and voltage (V). 1 NiCd or NiMH cell = 1.2V. Lilon/LiPo = 3.6/3.7V

**DISCHARGING.** Draining energy from a cell or battery pack. Regular discharging conditions cells to perform better and last longer.

**FIXED vs. ADJUSTABLE CURRENT.** Fixed chargers have only one charge rate. Chargers with adjustable rates allow you to tailor the rate to the battery capacity.

**LEAD-ACID/LIPO/NICD/NIMH.** Battery types. A charger may be suitable for only one type of battery or all four. Be sure your battery and charger are compatible.

**TIMED vs. PEAK.** Timed units charge until time runs out. Peak units charge until the battery is fully charged and automatically turn off to prevent overcharging.

In Voltmeter and Amp Meter columns    **D** = Digital and **A** = Analog

Manufacturer	Model #	Stock #	Power	Compatibility/# of Cells				Charge Rate (milliamps, amps)	Trickle Rate (ma, A)	Discharge	Volt- meter	Amp Meter	Connector	More Info on Page
Associated	Pulsar Competition 3	ASCP4152	DC	1-8	1-8	1-3	1-3	100mA-10A	0-400mA	100mA-10A	D	D	Alligator	164
Comp Elec	Turbo 35 GFX	CEIP3760	DC	1-8	1-8	1.3	1.3	100mA-12A	Y	Y	D	D	Alligator	164
DuraTrax	ICE	DTXP4170	DC	1-10	1-10	1-4	1-4	100mA-8A	0-500mA	100mA-10A	D	D	Jacks	159
DuraTrax	Onyx 100	DTXP4190	AC/DC	4-8	4-8			1A, 2A, 4A	1/20 fast charge	N	N	N	Std W/jacks	159
DuraTrax	Onyx 200	DTXP4200	AC/DC	4-7	4-7			1.5A, 3A, 5A	1/20 fast charge	N	N	N	Jacks	159
DuraTrax	Onyx 210	DTXP4210	AC/DC	4-8	4-8			800mA, 1.5A, 3A, 5A	1/20 fast charge	N	D	D	Std W/jacks	159
DuraTrax	Onyx 220	DTXP4220	AC/DC	4-8	4-8			100mA-5A	0-250mA	N	D	D	Std W/jacks	159
DuraTrax	Onyx 230	DTXP4230	AC/DC	1-8	1-8	1-3	1-3	100mA-7A	0-250mA	N	D	D	Std W/jacks	159
DuraTrax	Onyx 240	DTXP4240	AC/DC	4-8	4-8			800mA, 1.5A, 3A, 5A	0-250mA	N	D	D	Std W/jacks	159
Great Planes	PolyCharge	GPMM3010	DC			1-3		250 & 500mA, 1A	N	N	N	N	2-Pin	162
Great Planes	PolyCharge4	GPMM3015	DC			1-4		300mA-3A	N	N	N	N	Jacks	162
Great Planes	Triton Jr	GPMM3152	DC	1-14	1-14	1-4	1-4	100mA-5A	1/20 charge rate	100mA-1A	D	D	Jacks	161
Great Planes	Triton2	GPMM3153	DC	1-24	1-24	1-5	1-5	100mA-7A	0-250mA (NiCd/MH)	100mA-3A	D	D	Jacks	161
Great Planes	Triton EQ	GPMM3155	AC/DC	1-14	1-14	1-6	1-6	0.1-5A	20mA	0.1-1A	D	D	Jacks	161
Great Planes	Triton2 EQ	GPMM3156	AC/DC	1-24	1-24	1-6	1-6	0.1-8A	0-300mA	0.1-3A	D	D	Jacks	161
Great Planes	11.1V 3S LiPo	GPMM3316	AC/DC			3		800mA Max	N	N	N	N	3S Balance	163
Hitec	CG-25A	HRCP3025	AC	Tx-8 Rx-4				Tx-55mA Rx-55mA	N	N	N	N	Hitec	164
Hitec	CG-S35	HRCP3050	AC		Tx-8 Rx-4			Tx-55mA Rx-55mA	N	N	N	N	Hitec	164
Hobbico	Accu-Cycle Elite	HCAP0280	AC/DC	1-10	1-10	1-3	1-3	50mA-2A	0-200mA	50mA-2A	D	D	Jacks	160
Integy	INDI 16x70S Multifunction	INTP2053	AC/DC	1-14	1-14	1-6	1-6	100mA-5A	Y	1A-3A	D	D	Jacks	164
Muchmore	Cell Master Platinum	MMRP1000	DC	1-8	1-8	1-3	1-3	100mA-10A	100mA	100mA-10A	D	D	Alligator	163
Muchmore	Silent Platinum	MMRP1003	DC	1-14	1-14	1-6	1-6	100mA-6A	100mA	100mA-6A	D	D	Alligator	163
Muchmore	AC/DC Silent Plantium	MMRP1004	AC/DC	1-14	1-14	1-6	1-6	100mA-6A	100mA	100mA-6A	D	D	Jacks	163
Muchmore	LiPo	MMRP1010	DC			1-3		300mA-3A	N	N	N	N	Alligator	163
Multiplex	LN-5014 Multi	MPUP9531	DC	1-14	1-14	1-5	1-5	100mA-5A	0-250mA	100mA-1A	D	D	Jacks	164
Novak	Smart Tray	NOVP4510	DC	1-6	1-6			N	N	2.7A	D	N	None	164
Ofna	NiMH Battery Charger	OFNP1214	AC	4-5	4-5			120mA	N	N	N	N	Futaba J	164
Ofna	DigiPeak 3 Peak	OFNP9849	AC/DC	1-14	1-14	1-4	1-4	300mA-5A	N	2A	D	D	Standard	164
Team Checkpt	TC-1030	TCPP9100	DC	1-10	1-10	1-4	1-4	100mA-10A	0-500mA (NiCd/MH)	100mA-10A	D	D	Jacks	163
Tamiya	High Performance	TAMP4235	DC	1-14	1-14	1-6	1-6	100mA-10A	0.1A	0.1-10A	D	D	Alligator	164
Tower Hobbies	Peak	TOWP0160	AC/DC	4-8	4-8			1A, 2A, 4A	1/20 fast charge	N	N	N	Std W/jacks	163
Tower Hobbies	Digital Peak	TOWP0170	AC/DC	1-8	1-8			100mA-5A	0,100,200mA	N	D	D	Jacks	163
Traxxas	EZ-Peak	TRAP2930	AC/DC	6-8	6-8			4A	N	N	N	N	Molex	164
Venom	LiPo Charger	VNRP0653	AC			2-3	2-3	.75A	N	N	N	N	None	164
Venom	DC Pro Charger	VNRP0656	DC	1-15	1-15	1-6	1-6	100mA-5A	N	0.1-1A	D	D	Jacks	164
Venom	AC/DC Pro Charger	VNRP0657	AC/DC	1-15	1-15	1-6	1-6	100mA-5A	N	0.1-1A	D	D	Jacks	164



# RADIOS: The Heart of R/C

The radio-control (R/C) system is the heart of our hobby, turning a lifeless pile of parts into a winning race car, a wave-shattering deep vee, or a scale plane that seems only inches away from clipping the clouds.

In the next few pages, we'll help you understand the modern R/C system and decide which radio and features best meet your needs.

## Radio Basics

### Control Channels:

How much do you want your model to do? For each control function, you need one channel of control. The usual uses for control channels are:

#### AIRCRAFT CONTROL CHANNEL USAGE

1* Control Channel	Rudder (cars/boats - steering).
2* Control Channels	Rudder or aileron, elevator. (cars/boats - throttle, steering)
3 Control Channels	Rudder or aileron, elevator, throttle.
4 Control Channels	Rudder, aileron, elevator, throttle.
5 Control Channels	Rudder, aileron, elevator, throttle, flaps or retracts.
6 Control Channels	Rudder, aileron, elevator, throttle, flaps, retracts.

\*When a powered model does not have a throttle, it flies at full throttle until it runs out of fuel. The model is then glided in for a landing.

Sailplanes, cars and boats usually use two control channels. The most common number on a powered aircraft model is four, which allows full aerobatic capability. With six or more channels, you can add features like bomb drops or other operating parts.

6EX  
6Ch  
2.4GHz



**Servo:** Servos provide your model's "muscle." Generally, you need one for each control function. Receiver signals activate the servo motor, which uses the arm mounted on its shaft to move linkages connected to that function.

Most servos are analog. Digital servos — which use a microprocessor and signal amplifier — are more expensive, but offer greater accuracy, faster response, and better holding power.

**Dual (Variable) Rates:** Dual rates adjust control sensitivity, or how far a servo moves when you give input. On low rates, servo response slows — ideal for taming "skittish" models and compensating for beginners' tendency to over-control. On high rates, response is faster and stronger.

Variable rates let you change settings "on the fly." With dual rates, you can set two rates of servo travel. You'll find dual rates on the aileron, elevator, and (sometimes) rudder channels of flight systems, and on the steering channel of surface systems.



## Choosing Your Radio

Now that you know more about modern radio systems, which is right for you? The answer depends on your present needs, future plans, and budget.

### 1. Airplanes

Even if your first model is a 2-channel airplane or sailplane, we recommend choosing at least a 4-channel radio with NiCds. It's a good investment that will pay off as you move up to more advanced models. Also look for a radio with servo reversing and a trainer system. Select other features to suit your future interests.

Be sure to match the radio to your aircraft. If you'll be piloting a .40-.60 size trainer, a basic 4-channel radio with standard servos will be fine.

### 2. Sailplanes

In a sailplane, space and weight are critical. Choose a radio with smaller servos for all but the largest models. Most sailplanes use only 2-channels, but get a 4-channel now if possible and install only two of the servos. This will give you the safety and convenience of rechargeable NiCd batteries as a bonus.

**NiCd Batteries:** Most 2-channel and some 3-channel radios require alkaline or NiCd (Nickel-Cadmium) batteries. Radios with four channels or more usually include NiCds.

Although NiCd batteries add to the radio system's cost, they're worth it. You can recharge them before using the radio and know you've got full power.

**Frequency (Channel Number):** Like any other radio system, an R/C system broadcasts at a specific wavelength — known as its "frequency."

Specific frequencies may be referred to by their "channel numbers" (e.g., Channel 44, Channel 80)...not to be confused with the radio's number of control channels. Modelers have access to many different frequencies (see page 182). So while a frequency can be used by only one modeler at a time, two or more modelers can still race, fly or run boats at the same time.

**Modulation:** Modelers also have a choice of radio modulations, including AM, FM, PCM and 2.4GHz.

AM systems vary the amplitude of the radio wave — the simplest means of broadcasting a signal and thus the least expensive type of R/C radio. They're also the most vulnerable to signal interference. FM systems vary the frequency of the radio wave and provide better interference resistance. With PCM radio systems, you enjoy more precision and interference protection than either AM or FM can provide.

PCM radios digitally encode signals for transmission. The amount of information transmitted within a given length of time varies: Futaba's PCM G3 2048 systems send twice as much information as PCM 1024 systems in the same time. The result is such immediate control response that you may feel like you're actually inside your model driving or flying...with no noticeable delay between the moment you send a command and your model reacts.

**2.4GHz Spread Spectrum** The latest advance in R/C hobby radios is 2.4GHz "spread spectrum" technology. Futaba, one of the hobby's premier radio manufacturers, has been perfecting the technology for industrial use over the last 15 years. Now, they've brought its advantages to modelers in "FASST™" radio gear.

In a very short time, those advantages have won over legions of R/C hobbyists. Futaba FASST systems (see pages 169-176) have the versatility to transmit in several user-selectable modulations, and offer such additional benefits as:

- **Easy Link™** — Transmitters leave the factory with a unique, permanent ID code. Once linked to the receiver, the code ensures that the receiver will recognize and respond ONLY to that transmitter.
- **Continuous Channel Shifting™** — Futaba's 2.4GHz FASST shifts frequency every two milliseconds, virtually eliminating any potential for signal conflicts or interruptions.

- **Dual Antenna Diversity™** — FASST systems with this feature automatically select the best reception between two receiver antennas, so there's no loss of signal.

Much more information about Futaba 2.4GHz FASST radios can be found at [www.2.4gigahertz.com](http://www.2.4gigahertz.com).

**Trainer System:** By connecting two transmitters using a trainer cord, an R/C flight instructor can pass control over to the student's transmitter — but if the student gets into trouble, the instructor can regain control instantly.

**Servo Reversing:** This feature lets you install servos however they allow the best pushrod routing, without concern about which direction they rotate. After installation, turn on your radio and check each channel. If the motion is opposite of what's needed, a simple flick of a switch corrects the problem.

**Adjustable Travel Volume (ATV) & Endpoint Adjustment:** Does your plane roll faster one way than the other? Endpoint adjustments can correct the problem. These settings let you establish the maximum amount that a servo moves from either side of its neutral position — helping you tailor control action to your flying or driving style.

**Direct Servo Control (DSC):** Direct servo control is very useful for on-the-ground control checks. A cable connects the transmitter to the receiver, letting you check servo operation without broadcasting a signal.

**Mixing (Coupling):** Two control channels can be coupled so that they move together when only one channel is activated. Many 1/4 scale models, for example, require a combination of aileron and rudder to turn. Mixing does this electronically at the transmitter.

**Programmable or Computer Radios:** Computer radios offer high-tech features like multiple plane memory, pre-programmed maneuvers (rolls, loops, etc. at the touch of one button), and much more.

### 3. Helicopters

Compared to airplane radios, helicopter systems usually have more channels and specialized functions, such as hover pitch adjustment. But that doesn't mean you need separate radio systems for your airplane and helicopter. Computer radio systems are available that include both airplane and helicopter programs. With one radio, you can fly either aircraft.

### 4. Cars, Trucks and Boats

These usually require a 2-channel radio, available in two styles: 2-stick or pistol-grip.

If you might try flying an airplane later, using a 2-stick radio for your car or boat will make the transition easier. It helps you develop the same automatic reflexes for steering and throttle as with airplane radios.

Pistol-grip radios have a steering wheel that duplicates the steering techniques of full-size autos and boats. The transmitter is shaped like a pistol, with throttle controlled by the trigger. It's a very comfortable and popular style.

Feature-wise, just a basic 2-channel radio will do fine for the casual driver. You'll need 12 "AA" batteries (or just 8 with BEC-equipped models). Fast racing boats, large nitro and gas cars and some monster trucks put a tremendous strain on the steering (or rudder) servo. Choose a heavy-duty servo for this application.





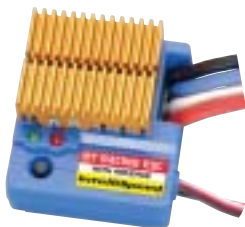
In addition to R/C systems, many manufacturers make optional accessories that expand your capabilities.

## Battery Eliminator Circuitry (BEC):

This circuit taps into the model's motor battery to supply regulated power to the receiver, eliminating the need for a separate receiver battery.

## Electronic Speed Control (ESC):

Electronic Speed Controls replace the mechanical speed control and throttle servo in an electric model, providing greater precision and more efficient use of power.



## Frequency Modules:

For some radios, a frequency module plugs into the transmitter and lets you change its broadcast channel number.

## Servo Arms:

These connect the servo to either a pushrod or cable. Some styles have adjustable length.

## Servo Gear Sets:

Losing a few gear teeth in a crash can make a servo useless. Replacement gear sets let you fix the servo yourself.

## Servo Case Sets:

A broken servo case can let dirt, water or fuel reach the sensitive electronics.

## Servo Connectors/Adapters:

Most manufacturers offer servo plugs compatible with their radio systems so you can adapt other brands to it or repair damaged plugs.

## Servo Extension Cable (Aileron Extension Cord):

These simply increase the distance between a servo and the receiver. Note: 12" and longer servo leads may cause radio interference, requiring chokes or radio noise traps.

## Y-Harness:

Two servos can be plugged into one channel with a Y-harness. They'll then operate simultaneously for greater strength.

## Servo Trays:

Servos can be mounted in a tray for easy installation and vibration protection.



Vertical Servo Tray



2 + 1 Servo Tray

## Trainer Cord:

A trainer cord links the trainer systems of two radios. New pilots can practice with confidence, knowing their instructor will take over control if needed. Note: Not all trainer systems are compatible, and the connectors on different brands of trainer cords may be different. Check the instructions of both radios before purchasing a cord.

## IMPORTANT PLEASE READ

Tower Hobbies® supports the Academy of Model Aeronautics in its efforts to make R/C modeling safer by reminding everyone that there are specific, reserved channels for aircraft and surface (car/boat) use. Why separate channels? In today's crowded urban areas, it is not uncommon to find R/C cars being run within radio range of a model aircraft flying site. Without channel separation, the possibility of interference would always exist. Most of the crashes that have occurred were caused by people unknowingly operating on an improper channel and they were also unaware that any R/C flying was taking place in the area. It's not just an airplane problem — a runaway electric car at 30 mph (or a nitro or gas car at 50 mph) is no laughing matter. Remember that our Broadcast Channels were granted to us by the FCC and we are able to obtain and keep our R/C exclusive channels thanks in part to the excellent safety record of R/C modelers. In other words, this channel system is not just an AMA guideline for members, it's the law of the land that applies to all R/C users. So please, be aware of the aircraft only/surface only channel system. The model you save just might be your own.

## ORDERING Your Radio

When you order an item that has a frequency channel choice (such as radio systems, receivers, modules, crystals, etc.), the last 2 digits of the stock number will be asterisks. For example, the stock number of a 4YF 4-channel radio is FUTJ40\*\*. To order a radio on a particular frequency channel, check the chart above. Replace the 2 asterisks in the stock number with a channel number that corresponds to either air or surface use. In our example, if you wanted the 4YF 4-channel radio on channel 35, you would change the stock number from FUTJ40\*\* to FUTJ4035. If you have no preference, just leave the asterisks.

To select the best channel number (frequency), first consider what you are using your radio for. Some channels are reserved for aircraft use and some are only for surface model (boat/car) use. Choose your channel number accordingly. Check your local area and talk to the people you fly or race with — some channels in certain areas are subject to interference because of other radio broadcasters on nearby channels.

When ordering a radio system, please note a 2nd and 3rd channel choice as alternatives in case your first choice is temporarily out of stock. If you are calling in your order, the sales representative will be able to tell you right away if your channel number choice is in stock or whether an alternative choice is required. Of course, if you only have one choice, we will send it if it is in stock. However, if you furnish only one channel choice and it is not in stock, we will backorder that channel even if other channels of that particular radio are in stock. (Some radios and channel choices may not be backordered.)

## Broadcast Channel Chart

Aircraft Use 72 MHz Channel Numbers						Boat/Car Use 75 MHz Channel Numbers				All Uses 27 MHz Channel Numbers	All Uses 50 MHz Channel Numbers
11	12	13	14	15	16	61	62	63	64	A1	01
17	18	19	20	21	22	65	66	67	68	A2	02
23	24	25	26	27	28	69	70	71	72	A3	03
29	30	31	32	33	34	73	74	75	76	A4	04
35	36	37	38	39	40	77	78	79	80	A5	05
41	42	43	44	45	46	81	82	83	84	A6	06
47	48	49	50	51	52	85	86	87	88		07
53	54	55	56	57	58	89	90				08
59	60										09

## R/C Radio Bands

**1. Aircraft Use Only** (72 megahertz, Channels 11-60). This is the most popular choice for flying models. Most radios designed for model aircraft and helicopters will be available on these channels.

**2. Surface Use Only** (75 megahertz, Channels 61-90). Cars, boats, and other non-flying models must use one of these channels. Surface radios are available on 27MHz as well as 75.

**3. All Uses** (27 megahertz, Channels A1-A6; 50 megahertz, Channels 01-09; 2.4GHz). While legal for air or surface use, we recommend that 27MHz be used only for surface models. A pilot and driver broadcasting on the same 27MHz frequency would cause interference and could cause a crash. 50MHz channels can be used for R/C, but require the user to attain a Technician-class amateur radio license from the FCC. The 2.4GHz band is used for both air and surface spread spectrum radio systems and can be used together without risk of interference.



**SYSTEM 2.4**

# 224 2-CHANNEL 2.4GHZ SPREAD SPECTRUM RADIO

**ONLY \$79.99**

*Today's most advanced radio technology — at a low TOWER HOBBIES price!*

At Tower Hobbies, we've been offering the best for less for almost 40 years — and the Tower Hobbies 224 is no exception. It's manufactured with cutting-edge electronics that make it virtually "bulletproof" against interference and glitching. Yet even with its advanced technology, it's so affordably priced that virtually any modeler can enjoy one. You can find 2.4GHz systems that cost more — but you can't find a better value in surface systems than the Tower Hobbies 224.

## Spread Spectrum Science ensures dependability.

One of the big keys to the 224's amazing performance is its use of modern Spread Spectrum Technology. Instead of being tied to a crystal and single channel, the 224 transmitter includes dedicated RF circuitry capable of broadcasting on many channels. It remains on any one channel for only a few milliseconds before switching to another. The odds of being on the same channel as any nearby system are virtually nil.

## "Binding" locks out any signal — except yours.

Spread spectrum hopping technology makes the chances of interference incredibly small...but the 224 makes them even smaller with a tiny, lightweight receiver. It binds (or locks) onto the transmitter's unique signal and won't respond to signals from any other source. However, the transmitter can "bind" to any number of Tower System 2.4 receivers, so you can use the same transmitter with more than one model.

## A dependability value — and versatile, too!

Dependability and value make the 224 a great choice for any modeler. Versatility makes it a great buy for any sport application. It's compatible with a wide range of digital and analog servos — and a solid choice for both nitro and electric models. And if you're a member of the #1 Super Saver Club, remember: the 1-year limited warranty stretches to 2 years for you!

## Features List:

- 2.4GHz Transmitter
- 2.4GHz "Binding" Receiver
- Built-In Fail-Safe
- Steering and Throttle Trims
- Steering and Throttle Servo Reversing
- Steering Rate Adjustment
- Power LED
- 1-year limited warranty

Requires: 8 "AA" alkalines, NiCds or NiMHs  
Receiver dimensions: 1.77 x 0.98 x 0.5 in  
Receiver Weight: 0.25 oz.

The receiver features an internal antenna that eliminates long trailing wires. The receiver is bound to the transmitter at the factory, but binding a second receiver to the transmitter is almost as easy. It takes just one button...and one second!



The Tower Hobbies 224 is, hands down, the most convenient, user-friendly surface system we've ever offered. There are no crystals, no frequency pins, no waiting for "your" channel to get free — just the freedom to use your radio whenever and wherever the mood strikes!

Stock #	Description
TOWJ0224	224 2-Channel 2.4GHz Tx/Rx.....

Retail	Tower
\$99.99	\$79.99



See back cover.



# Futaba®

Here's what  
makes Futaba

2.4GHz  
**FASST™**

so incredibly  
dependable!

**CONTINUOUS  
CHANNEL SHIFTING**

While some 2.4GHz systems use only one or two frequencies, FASST systems shift between frequencies literally hundreds of times per second, reducing the chance of signal interference and performance interruption.

**EASY LINK™**

Each FASST transmitter or module carries a one-of-a-kind permanent ID code. Once a receiver learns the code, it will respond only to signals that include it — and reject any that don't. Establishing this unique, unbreakable link is easy, just by pushing a button on the receiver.

**PRE-VISION™**

Patented Pre-Vision constantly scans incoming data for errors and corrects them before they can cause problems. Patent # 6,141, 392

**DUAL ANTENNA  
DIVERSITY\***

FASST receivers constantly monitor both antennas and automatically use the one with the strongest signal to ensure unbroken reception.

\* Not available on R603FF or R616FFM receivers.



3PKS



3GR-FS

## 3PKS 3-CHANNEL 2.4GHZ COMPUTER RADIO

For serious racers, ability is a must — and with the 3PKS, dependability and adaptability are givens. The "Expert" menu shows everything on just two screens: PPM/HRS modes; MC set-up; the APA for optimum "feel"; 2 programmable mixes; digital trims and dials; Direct Select; speed and expo (throttle and steering); dual rates (steering); neutral select; 5-point curve and VTR (throttle) ABS braking with adjustable return, pulse rate and delay; assignable switches & functions; and expandable, 20-model memory. Also included: a vibrating alert system, audible lap timer alarm and a rear-mounted, backlit LCD with adjustable contrast — ideal for viewing servo set-ups and mixes. 1-year limited warranty.

Stock#	System	Band	Receiver	Servos	Batts	3PAY	Tower
FUTK2015	3PKS FASST	2.4GHz	R603FS	—	Tx	\$123.33	\$369.99

## 3GR-FS 3-CHANNEL 2.4GHZ COMPUTER RADIO

It offers virtually all of the 3PM's features in the 2-stick layout many modelers prefer. Real-Time Response™ and 2.4GHz dependability are built-in bonuses to an impressive list of features: 10-model memory; 1 programmable mix; digital trims and memory; assignable switches/functions; PPM/HRS modes; condition select, EPA, sub-trims and servo reversing (all channels); expo and speed (throttle and steering); dual rates (steering); neutral select and acceleration (throttle), mechanical/electronic ATL; ABS braking with return, pulse rate and delay; brake mixing for 1/5 scale vehicles; up/down timer w/100-lap memory; LCD; and throttle fail-safe (in HRS mode). 1-year limited warranty.

Stock#	System	Band	Receiver	Servos	Batts	3PAY	Tower
FUTK3010	3GR-FS FASST	2.4GHz	R603FF	—	—	\$83.33	\$249.99

## 3VCS 3-CHANNEL 2.4GHZ COMPUTER RADIO

**The 2.4GHz 2-stick alternative for superior surface control.**

If you're an airplane pilot who's eager to try a car, truck, or boat, the 3VCS is your system. It offers most 3PKS features in a familiar 2-stick layout, as well as the dependability and speed of 2.4GHz tech. "New Driver," "Race Ready," and "Expert" menus take you direct to the set-up options you'll need, while Direct Select offers fast access to 6 features. Other features: PPM/HRS modes; expandable, 10-model memory; 2 programmable mixes; MC Set-up; ABS braking; mechanical/electronic ATL; digital trims and memory; EPA, sub-trims and servo reversing (all channels); adjustable stick angle; front/rear brake mixing with delay; and much, much more. 1-year limited warranty.

Stock#	System	Band	Receiver	Servos	Batts	Tower
FUTK3000	3VCS FASST	2.4GHz	R603FS	—	—	\$529.99



3VCS

# 3PM-X

## 3-CHANNEL 2.4GHZ COMPUTER RADIO



**Futaba®**

**Dig, crush, crawl - do it all!**

The 3-channel 3PM-X FASST looks much like Futaba's popular 3PM, because it IS a 3PM. But with the 3PM-X, you can also set up crab steering for your crawler or 4-wheel steering for your monster — programming for both is already built-in. You can apply the programmable mixing between steering, throttle and channel 3, and adjust the mixing amounts to your preference.

Go to the digital trim menu, turn the third channel's trim lever into a three-position switch and control the dig function with ease. The same menu gives you a choice of 16 trim step settings, a function borrowed from Futaba's standard-setting 4PK. Set it at 16, and you can make huge changes in travel in seconds. Dial down to 1, and you can fine-tune settings to perfection. Want to restore the original steering and throttle settings? The adjuster function can do it in seconds.

Ten-model memory...an easy-to-read LCD display...FASST signal speed and interference resistance...they're all included. And the best part? Even with all the extras, the 3PM-X is just as affordable as the original 3PM. Includes transmitter and R603FF receiver. Requires 12 "AA" alkaline batteries. 1-year limited warranty.

**Also offers these features and more:**

- **HRS and PPM modes.**
- **Four edit keys for easy data setup.**
- **Brake mixing for large cars.**
- **Steering dual rates.**
- **Anti-skid braking system.**
- **Racing up/down timer.**
- **Wheel tension adjustment.**

The 3PM can transmit in PPM or HRS modes — and the R603FF receiver automatically adjusts to the mode you select!



Stock#	System	Band	Receiver	Servos	Batts	3PAY	Tower
FUTK2021	3PM-X FASST	2.4GHz	R603FF	—	—	\$63.33	\$189.99

# 4PK

## 4-CHANNEL 2.4GHZ COMPUTER RADIO

**Designed to dominate in racing!**

The 4PK's futuristic looks and features are more than striking — they're functional. At just 1.5 pounds, it's light enough to fight hand fatigue during long mains and balanced to make holding it a comfort. Trigger position can be adjusted to fit your finger size and driving style.

Along with perfect feel, you get the absolute best of Futaba firepower for racing. Start with amazing 2048 resolution — cutting-edge tech for right-now response and unbelievable precision — and a perfect match for digital servos. And your programming power is virtually unlimited.

Select the display setting, and you can adjust your set up without transmitting. Plus, you can: use one of the four menus provided, or create a custom menu; optimize response for analog or digital/brushless servos; set up two sets of dual rates; choose two Condition Select functions; restore factory settings with the adjuster function; or adapt your ESC to HRS frame rates with MC Link.

There's no better system for the serious racer than the Futaba 4PK — and no better place to find it than right here, at Tower Hobbies. Requires 12 "AA" alkaline batteries. 1-year limited warranty.

The large, backlit LCD lets you adjust contrast to light conditions and your eyes. It's also rear-mounted and angled for "at-a-glance" updates. Bring up the Expert Menu, and you can view or change set-ups and mixes for each servo.

Make important functions easier to reach by assigning them to the buttons around the wheel housing!



Trigger position can be shifted up to 7 mm (about 1/4")!

With the Advanced Positioning Adapter, you can drop the wheel, move it left or right or change its angle to achieve optimum "feel."

Stock#	System	Band	Receiver	Servos	Batts	3PAY	Tower
FUTK4900	4PK FASST	2.4GHz	R604FS	—	Tx	\$166.66	\$499.98



# Futaba®

**6EX**
**6-CHANNEL COMPUTER SYSTEMS**
**2.4GHz**  
**FASST™**

**Today's best buy in 6-channel computer systems.**



The 6EX is a study in contrasts. It's as ideal for first-timers as it is for old pros. It offers high versatility with simple programming. And it delivers cutting-edge 2.4GHz technology at a bargain price.

Two buttons and one lever are all that's needed to tap in to the 6EX's rich range of features. Intuitive, go-with-the-flow programming leads you to the features you want most — and a high-definition LCD shows you final settings and programming progress at a glance.

And along with the airplane and heli features functions you'd expect, there are a few surprises, as well. A power-down option that lets you do range checks on the ground. Single-switch control of dual rates and expo. Fail-saves against signal loss and low receiver battery voltage. And a choice of smooth — or ratcheted — throttle action at your discretion.

It's one for the money, from Futaba. 1-year limited warranty.

### Airplane Menu

- 2 programmable mixes
- 4 factory-defined mixes: flaperon, V-tail, flap trim & elevon

### Heli Menu

- 7 factory-defined mixes: Throttle hold, gyro, revo, 5-point throttle & pitch curves; swash-to-throttle & swash AFR
- 3 swash plate types (independent, plus 90° and 120° CCPM)

The LCD not only offers constant displays of trim settings, battery voltage and model number and name, but also displays low-battery and mixing warnings.



### 6EX System Overview

- 6-model memory
- 4-character model naming
- Airplane, heli & Mode 1-4 software
- Simple 1 lever/2 button programming
- Data clear & reset
- EPA and servo reversing (all channels)
- Digital trims & auto memory (4 channels)
- Dual rates & exponential (aileron/elevator/rudder)
- Throttle & battery fail-saves
- Throttle cut (adjustable)
- Dual-rate, flap & retract switches
- Stick length & throttle mode adjustments
- Low-battery, signal loss and mixing alarms
- Trainer system (cord required)
- Tx NiCds & dual-output charger
- LCD

Stock#	System	Band	Receiver	Servos	Batts	3PAY	Tower
FUTK6900	6EX FASST	2.4GHz	R617FS	—	Tx	\$73.33	\$219.99
FUTK6901	6EX FASST	2.4GHz	R617FS	(4) S3004	Tx, Rx	\$66.66	259.98
FUTK6902	6EX FASST	2.4GHz	R617FS	(4) S3001	Tx, Rx	\$83.33	249.99

**7C**

**7-CHANNEL 2.4GHZ  
COMPUTER SYSTEMS**

**Futaba®**

## Advanced 2.4GHz dependability with Dial 'n Key™ programming ease!

Choose the 7C instead of a standard 6-channel system, and you gain more than another channel; you step up into new levels of value, form and function.

All of the cornerstones of 2.4GHz dependability are in place, from the Easy Link™ and Continuous Channel Shifting to patented Pre-Vision™ and Dual Antenna Diversity. Your ability to fine-tune and "finesse" control is effectively infinite and real-time instantaneous. And with Dial 'n Key simplicity on your side, you spend less time learning how and much more discovering just how much you and the 7C can do together. You can use basic menus to cut set-up time to the bare minimum, or advanced menus to get the maximum performance from each and every flight. 1-year limited warranty.



### 7C System Overview

- Airplane and heli software
- Basic and advanced menus
- Dial 'n Key™ programming
- 10-model memory
- 6-character model naming
- Model copy
- Assignable switches/functions
- Endpoint adjustment (EPA), sub-trims and servo reversing
- Digital trims, memory and trim step
- Dual or triple rates and exponential
- Adjustable throttle cut
- Battery and throttle fail-saves
- 72 x 32 LCD w/adjustable contrast
- Variable rate knob
- Trainer system (cord required)
- Sticks with adjustable length and tension
- Count-up/countdown timer
- Low-battery, mixing and RF alerts

### Airplane Advanced Menu

- 3 programmable mixes, plus
  - Flaperon
  - Elevator/flap
  - Flap/elevator
  - V-Tail/Elevon
  - Aileron/rudder
  - Snap roll
  - Ailelevator (dual elevator servos)
  - Air brake
  - Flap trim (dual aileron servos)

### Helicopter Advanced Menu

- 3 programmable mixes, plus
  - Revo mixing
  - Governor mixing
  - Gyro menu
  - Swash/throttle mixing
  - 5-point throttle & pitch curves w/2 idle ups
  - Hovering throttle/pitch
  - Throttle hold
  - Trim offset (aileron/elevator/rudder)
  - 6 swash plate types (5 CCPM options)
  - Swash AFR



Programming is less about routines and more about going with the logical flow from screen to screen. Rotating and pressing the dial helps you find and open the program you want. Four buttons help you select options, set values and move on to the next option.

Stock#	System	Band	Receiver	Servos	Batts	Mode	3PAY	Tower
FUTK7000	7CA FASST	2.4GHz	R617FS	(4)S3152	Tx, Rx	2	\$116.66	\$349.98
FUTK7001	7CH FASST	2.4GHz	R617FS	(4)S3152	Tx, Rx	2	116.66	349.98
FUTK7002	7CA FASST	2.4GHz	R617FS	(4)S3004	Tx, Rx	2	106.66	319.98
FUTK7003	7CH FASST	2.4GHz	R617FS	(4)S3001	Tx, Rx	2	109.99	329.97
FUTK7004	7CA FASST	2.4GHz	R617FS	—	Tx	2	93.33	279.99
FUTK7005	7CH FASST	2.4GHz	R617FS	—	Tx	2	93.33	279.99



# Futaba®



## 10CG 10-CHANNEL 2.4GHZ COMPUTER SYSTEMS

### Pro-level features...sport system price!



The 10CG is perfect for the price-conscious pilot — an integrated, 2.4GHz treasure trove of features formerly found only on the most advanced Futaba systems.

It's also a system that boasts advantages that few others can claim: 7-point throttle and pitch curves; four heli flight modes; a dozen factory-defined glider mixes; graphics for programming swash plate types; swash ring; and logic switches that allow you to activate a timer or other function just by changing the position of specific sticks or switches.

### 10CG System Overview

- Dial 'n Key™ programming with joystick
- Airplane, heli and glider software
- 2048 resolution
- Real-Time Response™
- Smart Switch Technology™
- Basic and advanced menus
- 15-model memory, expandable to 48 models\*
- 10-character model and user naming
- Assignable switches and dials/functions
- Model select, copy, re-set
- Data transfer
- 2 proportional slider switches
- Fail-safe, sub-trims, servo reversing and EPA
- Digital trims and trim step, expo and dual/triple rates
- 160 x 72 backlit LCD with adjustable contrast
- Servo monitor display
- Auxiliary channel screen for 1-step function/switch assignment
- Model and system timers
- Full functionality trainer system (cord required)
- Throttle cut, hold and idle down
- Mode 1-4 selectable
- Stick length and tension adjustment

\*Requires optional 128K CAMPac Module (FUTM9408)

### Airplane Features

- 8 programmable mixes
- Elevator/Flap
- Throttle needle
- Aileron differential
- Flaperons
- V-tail
- Elevon
- Air brake with elevator delay
- Ailevator
- Snap roll switch
- 2 independent gyro settings
- 7-point throttle curve
- Flap trim

### Heli Features

- 6 programmable mixes
- Hover/pitch
- Hover throttle
- 8 swash plate types with graphics
- Swash AFR
- 5-point revo mixing
- Gyro menu
- 7-point throttle & pitch curves with delay
- High/low pitch setting
- Swash ring
- Throttle hold & 3 idle-ups with delay

### Glider Features

- 8 programmable mixes
- Butterfly/elevator (2)
- Elevator/flap
- Chamber mix
- Aileron/flap
- Aileron/rudder
- Flaperons
- V-tail
- 4-point offset
- Spoiler mix
- Single/dual flap servos
- 5 flight conditions
- 3 wing types
- Adjustable motor cut

Stock#	System	Band	Receiver	Servos	Tx NiCd	Rx NiCd	Tx Module	Mode	Tower
FUTK9255	10CAG FASST	2.4GHz	R6014HS	—	700mAh	600mAh	—	2	\$649.99
FUTK9256	10CHG FASST	2.4GHz	R6014HS	—	700mAh	1000mAh	—	2	649.99
FUTK9257	10CAG FASST	2.4GHz	R6014HS	—	700mAh	600mAh	—	1	649.99
FUTK9258	10CHG FASST	2.4GHz	R6014HS	—	700mAh	1000mAh	—	1	649.99

**12FG**

## 12-CHANNEL 2.4GHZ COMPUTER SYSTEMS

**The perfect choice for more and more pilots.**

The 12FG makes today's best in programmable flight systems more affordable — FASST innovations and 2048 resolution make it one of the most reliable computer systems available. It offers incredibly sophisticated software and the ability to update free with downloads from Futaba websites. And it's backwards-compatible with 72MHz and 50MHz systems. Invest in a 12FG, and you'll discover just how economical extreme versatility can be. For additional details, visit [www.futaba-rc.com](http://www.futaba-rc.com). 1-year limited warranty.

- **Dial 'n Key™ programming**
- **Assignable switches/functions**
- **Heli, airplane and glider software**
- **10 programmable mixes**
- **46 factory-defined mixes/functions (14 heli; 32 airplane/glider)**
- **30-model memory (expandable to 1,088 models\*)**
- **8-character model naming**
- **6 digital trims**
- **Servo Grouping™**
- **6 Variable Dual Rates™**
- **Dual/triple rates, servo centering, servo reversing, exponential and endpoint adjustment**
- **8 flight conditions w/delay**
- **255 x 96 LCD w/adjustable contrast**
- **Fail-safe**
- **Servo monitor display**
- **2 slider switches (front/back access)**
- **17-point throttle and pitch curves**
- **Model clear, copy, re-set**
- **AFR (Adjustable Function Rate)**
- **"Full functionality" trainer system**
- **Adjustable throttle cut/idle down**
- **Condition hold**
- **0.5% settings increments**
- **Variable/exponential rate single switch option**
- **Additional features: elapsed time counter; dual, independent up/down timers; quad bearing gimbals; sticks w/length tension adjustments; heavy-duty switch harness; neck strap; Tx and Rx batteries; charger and charge jack**

\*A 1GB SD card is required for maximum memory capacity. SD card sold separately.

2.4GHz  
**FASST™**

Join the  
2048 resolution  
revolution!



Stock #	System	Band(s)	Receiver	Servo(s)	Batt(s)	Mode	Tower
FUTK9275	12FGA FASST	2.4GHz	R6014FS	—	Tx, Rx	2	\$899.99
FUTK9276	12FGH FASST	2.4GHz	R6014FS	—	Tx, Rx	2	899.99

**12Z**

## 12-CHANNEL 2.4GHZ COMPUTER RADIOS

**Powered by Dual Processors!**

Only one system can rival the 14MZ in processing power and versatility — and that's the 12Z. Two processors — one for flight, one for everything else — provide speed and precision. Dial 'n' Key™ programming and a joystick offer easy menu navigation. A combination of airplane/sailplane and heli software add versatility. And 2048 resolution provides Real Time™ Response: the most precise and immediate control available today.

It shares an impressive number of features with the 14MZ: assignable functions/switches; 10 programmable mixes; 24 factory-defined mixes; 8 flight conditions; a 7-color LED status bar; 4 digital trims w/sub-trims and memory; mixing for up to 4 engines; up to 6 Variable Dual Rates™ (VDR); single switch control of VDR and Expo; Servo Grouping; and the ability to update your 12Z's programming online, free.

That list of functions is joined by more features that make flying with the 12Z a pleasure: expandable, 25-model memory; rear-mounted slider switches; a 300 x 128 resolution LCD w/adjustable contrast; a 1500mAh NiCd Rx and 2200mAh Lilon Tx battery; the R6014FS receiver with the Easy-Link™ button and from-the-Tx programming; quad gimbals with adjustable length, tension and detent; and a deluxe metal carrying case.

The 12Z has it all — plus free membership in the Futaba Flyers Club and a 1-year limited warranty.

For more information, visit [www.2.4gigahertz.com](http://www.2.4gigahertz.com)

2.4GHz  
**FASST™**



Stock #	System	Band(s)	Receiver	Servo(s)	Batt(s)	Mode	Tower
FUTK9300	12ZAP FASST	2.4GHz	R6014FS	—	Tx, Rx	2	\$1499.99
FUTK9301	12ZHP FASST	2.4GHz	R6014FS	—	Tx, Rx	2	1499.99



# Futaba®

## 14MZ

### 14-CHANNEL 2.4GHZ COMPUTER RADIOS


**Real-Time Response™**
**Customizable Switches**


It's the ultimate Futaba system: a true 14-channel radio with FASST dependability and features no other flight system can match. The 14MZ has a Futaba processor for flight functions, but handles others with the speed of a Microsoft® Windows® CE processor. Programming is simple using its 640 x 240 touch-screen color monitor. Add the optional 32 MB card, and you can expand the included 30-model memory to 100 models, as well as upload digital images and record/save voice prompts and audio files. You can assign functions to switches and customize sticks, and also change the location of switches and assign specific functions to one of four slider switches. Your programming options for helis, sailplanes and airplanes are virtually unlimited — and can be updated free online. Other 14MZ pluses include: 2048 resolution, Real-Time Response™; 24 factory-defined mixes, 10 programmable mixes, 9 flight conditions; 4-engine mixing; 4 digital trims with sub-trims and memory; a 1500mAh Rx NiCd, charger and a 2200mAh Lilon Tx pack for up to 3 hours of flying! Also included: Free membership in the Futaba Flyers Club and a deluxe metal carrying case! For more details, visit [www.14mz.com](http://www.14mz.com).

Stock #	System	Band(s)	Receiver	Servo(s)	Batt(s)	Mode	Tower
FUTK9400	14MZAP FASST	2.4GHz	R6014FS	—	Tx, Rx	2	\$2299.99
FUTK9401	14MZHP FASST	2.4GHz	R6014FS	—	Tx, Rx	2	\$2299.99



• **The perfect upgrade radio for your RTR cars, trucks and boats!**

## 2PL

### 2-CHANNEL 2.4GHZ SPORT FHSS RADIO

• **Computer programming convenience plus cutting-edge 2.4GHz technology!**

Now budget-minded racers and boaters can experience the dependability advantage of 2.4GHz control — thanks to Futaba's affordable Sport FHSS (Frequency-Hopping Spread Spectrum) technology! It makes the already impressive programming features of the popular 2PL even more irresistible: You can forget about signal interference and frequency pins, and enjoy easy, push-button binding of its R603GF receiver to the transmitter.

The receiver's flexible coaxial antenna can be positioned inside the model however needed for the best reception. And your favorite, familiar features are all still here — one-button menu access and function select; 10-model memory; steering dual rates; servo reversing; end point adjustments; ABS braking; throttle fail-safe and much more. Four "AA" batteries are required. 1-year limited warranty. Please note: 2.4GHz Sport FHSS is not compatible with Futaba FASST systems.

Stock#	System	Band	Receiver	Servo(s)	Batts	Tower
FUTK1200	2PL	2.4GHz	R603GF	—	Tx, Rx	\$109.99

## 2DR 2-CHANNEL AM RADIOS

For some modelers, using two sticks to control two channels just feels right, and that makes the 2DR their natural choice for cars, trucks and boats. The case is a good fit for any hand, but short sticks and easy-to-reach trims make it especially friendly to younger modelers. Servo reversing simplifies installation and a battery LED shows power levels at a glance. Available with two S3003 servos, or in two versions ideal for sailboats. 1-year limited warranty. Requires 12 "AA" batteries.



Stock#	System	Band	Receiver	Servo(s)	Tower
FUTJ22**	2DR AM	75MHz	R132JE	(1) S3003 (1) S3802	\$89.99
FUTJ23**	2DR AM	75MHz	R132JE	(1) S3003 (1) S3801	\$89.99
FUTJ25**	2DR AM	27, 75MHz	R132JE	(2) S3003	\$44.99

## 4GWD 4-CHANNEL COMPUTER SYSTEM



Great for "big rigs," robots and scale boats, this AM surface system offers two channels to handle throttle and steering and two more for water cannons, sound chips or light systems! It adds the set-up ease and accuracy of an LCD, digital trims, subtrims and end point adjustment — plus 3-model memory for saving set-ups 'til next time. Requires 12 "AA" batteries. 1-year limited warranty.

Stock#	System	Band	Receiver	Servo(s)	3PAY	Tower
FUTJ45**	4GWD AM	27MHz	R124H	(2) S3004	\$43.33	\$129.99

## 2PPL 2-CHANNEL COMPUTER RADIOS

One button and a trim switch are all you need to program and enjoy all of this system's sophisticated features. The button lets you move through menus and select functions. The trim switch helps you program digitally precise set-ups and store them in 10-model memory. A big, bright LCD shows each advantage as it's programmed: servo reversing and EPA (End Point Adjustments) on both channels, adjustable ABS braking on throttle and dual rates on steering. Trims make it easy to fine-tune anytime and a handy thumb switch enables you to switch between steering rates without taking your eyes off the track. It displays battery voltage constantly, and sounds an alarm when it drops below 8.5V! All require 12 "AA" batteries. 1-year limited warranty.



2PPL AM

Stock#	System	Band	Receiver	Servo(s)	ESC	2PAY	Tower
FUTK01**	2PL AM	75MHz	R152JE	(1) S3003	—	—	\$74.99
FUTK02**	2PL AM	27, 75MHz	R152JE	(2) S3003	—	—	79.99
FUTK03**	2PL AM	75MHz	R152JE	(1) S3003	MC230CR	\$49.99	99.98
FUTK08**	2PL FM	75MHz	R153F	—	—	—	89.99
FUTK09**	2PL FM	27, 75MHz	R153F	(2) S3003	—	49.99	99.98
FUTK10**	2PL FM	75MHz	R153F	(1) S3003	—	—	94.99

## 2PH 2-CHANNEL AM RADIOS

Affordability and durability are must-haves for beginners and what make the 2PH an ideal choice for beginners and sport modelers alike. The transmitter's wide, flat base is stable at rest — and comfortable in the hand. The antenna is removable for safe storage, and the trims are adjusted not by knobs, but by dials recessed into the surrounding surfaces — visible, yet protected against accidental bumps. The battery LED and servo reversing switches are easily accessible under a protective smoked plastic panel. Available in four configurations, including one with a reversing MC230 CR. 1-year limited warranty. All require 12 "AA" batteries.



Stock#	System	Band	Receiver	Servo(s)	ESC	Tower
FUTJ12**	2PH AM	75MHz	R152JE	(1) S3003 (1) S3010	—	\$69.99
FUTJ13**	2PH AM	75MHz	R152JE	(1) S3003	—	47.99
FUTJ14**	2PH AM	27, 75MHz	R152JE	(2) S3003	—	52.99
FUTJ15**	2PH AM	27, 75MHz	R152JE	(1) S3003	MC230CR	84.99

## 3PK SUPER 3-CHANNEL COMPUTER RADIO (TX ONLY)

It's the ultimate in customized racing — a radio that can be exactly what you need. Switches can be reassigned. Functions can be fine-tuned to your driving style...and the modulation and equipment can be anything you like. It can be an FM standout or PCM 1024 powerhouse; switch to HRS mode and add digital servos, and it can be a cutting-edge competition system, too. Set-up flexibility is unsurpassed, with: the Advanced Positioning Adapter; 20-model memory; 4 menus; MC set-up; adjuster feature; throttle mode select; a vibrating alert system; and Direct-Select, for instant access to the eight features you use most. Requires Tx module, receiver, servos and 6V Rx battery. 1-year limited warranty.



Stock#	System	Band	Receiver	Servo(s)	3 PAY	Tower
FUTK2010	3PK Tx Only	—	—	—	\$76.66	\$229.98

## 3PM 3-CHANNEL FM COMPUTER RADIOS

**Includes set-up tips for the Savage™ and T-Maxx™!**

**Get more from your RTR monster!**

RTR monsters with a 3-channel computer system? That's something to talk about! Push-button programming and 10-model memory allow fast, precise set-up. Set-up options for the Traxxas® T-Maxx® and HPI Racing® Savage™ are included; programming options make set-up of any vehicle a snap. They include: switch/function reassignment; a programmable mix; brake mixing for large-scale models; anti-lock braking w/adjustable return, pulse rate and delay settings; adjustable servo speed on steering; condition select for on-the-fly changes from one dual rate to the other; steering and throttle Expo; all-channel servo reversing; mechanical throttle ATL; a low battery alarm; and a multi-function up-down timer with lap memory and more. All require 12 "AA" batteries. 1-year limited warranty.

T-Maxx® is a trademark of Traxxas® Corporation. Savage is a trademark of HPI Racing.



Stock#	System	Band	Receiver	Servo(s)	2 PAY	Tower
FUTK15**	3PM FM	27, 75MHz	R133F	—	\$54.99	\$109.98
FUTK16**	3PM FM	75MHz	R133F	(1) S3305	3 PAY 49.99	149.97
FUTK17**	3PM FM	27, 75MHz	R133F	(2) S3003	3 PAY 43.33	129.99



# Futaba®

**First in  
affordability  
(and features)  
for flight!**



## 4YF 4-CHANNEL FM RADIOS

Compare price to features, and it's obvious that the 4YF is a bargain for start-up or sport flying. Look at its slim, rounded case and you'll see it's a natural for convenience and comfort. The trainer system's where you'd expect it — and the switch is easy to hold and spring-loaded to turn off instantly when released. Sticks are knurled for a better grip and feature length and tension adjustments — ideal for tailoring to your "feel". Trims are arranged around the sticks for quick adjustments. Nearby battery LEDs offer instant updates on battery power. While easy to reach, the on/off and servo reversing switches also are located to prevent accidental movement.

Both versions offer FM signal clarity and special features for specific types of flying. On-board gear for **FUTJ36\*\*** weighs just 0.89 ounces — perfect for park flyers and other small electrics. **FUTJ40\*\*** — great for larger electrics and glow models — includes four S3004 ball bearing servos and a 600mAh Rx NiCd. All come with a 600mAh Tx NiCd, dual-output charger and 1-year limited warranty.

Cord required for trainer system use.

Stock#	System	Band	Receiver	Servo(s)	Batts		Tower
FUTJ36**	4YF FM Micro	72MHz	R114F	(2) S3114	Tx	<b>2 PAY \$54.99</b>	<b>\$109.98</b>
FUTJ40**	4YF FM	72, 75MHz	R168DF	(4) S3004	Tx, Rx	<b>3 PAY 43.33</b>	<b>129.99</b>



## 4EXA SUPER 4-CHANNEL FM COMPUTER RADIO

For the new pilot, the 4EXA is a good deal that will pay off now and in the future. Set-up simplicity is one advantage. Programming ease is another. It requires only two keys and a data input lever. Plus, settings are digitally accurate and stored for instant recall in the future. Memory is, too; you can store set-ups for up to four models, switch from one to another in seconds...and avoid the costs of buying second, (or third or fourth) radios as your hangar grows. And in addition to EPA, Expo, trainer system and servo reversing, the 4EXA also offers wing mixing for V-tail and elevon, which gives you the ability to try new models while enjoying the same layout and feel you're used to. Bonuses include full NiCds and a charger, plus a low battery alarm to let you know when it's needed. 1-year limited warranty. Cord required for trainer system use.

Stock#	System	Band	Receiver	Servo(s)	Batts	<b>3PAY</b>	<b>Tower</b>
FUTK40**	4EXA FM	72MHz	R168DF	(4) S3004	Tx, Rx	<b>\$49.99</b>	<b>\$149.97</b>



## 7C 7-CHANNEL COMPUTER RADIOS

Move up to the ease of Dial 'n Key™ programming, Basic and Advanced menus and a rich array of performance options! The 7C's Basic Menu is an express lane to most-used features: 10-model memory; assignable switches and functions; Expo; digital trims, trim memory, servo reversing, sub trims and EPA on all channels; dual rate or triple rates on aileron, elevator and rudder; adjustable throttle cut; and more. The Advanced Menu is actually two menus, both with 3 fully programmable mixes. The airplane menu adds 9 factory-defined mixes, while the heli menu gives you 6 swash plate options, trim offset and 7 other factory-defined mixes. An LCD with adjustable contrast allows easy reading in any light conditions. 1-year limited warranty.

Cord required for trainer system use.

Stock#	System	Band	Receiver	Servo(s)	Batts	<b>3 PAY</b>	<b>Tower</b>
FUTJ67**	7CAP PCM	72MHz	R168DP	(4) S3151	Tx, Rx	<b>\$93.33</b>	<b>\$279.99</b>
FUTJ69**	7CAF FM	72MHz	R168DF	(4) S3004	Tx, Rx	<b>83.33</b>	<b>249.99</b>

7CAF FM

**6EXP**

## 6-CHANNEL FM COMPUTER RADIOS

**A solid 6-channel choice for airplanes and helis!**

With its generous list of features and affordable price, the 6EXP is a great computer radio for all modelers, from first-timers to old pros. Software for helis and airplanes makes it an even better value, while go-with-the-flow menus and simple 1-lever/2-button programming make it easy to use.

In airplane software, that means two programmable mixes and four adjustable, factory-defined wing mixes. For helis, you can look forward to throttle hold for autorotations, rate selection for both gyro and revo mixing, 5-point throttle and pitch curves, swash-to-throttle mixing and three swash plate settings.

The 6EXP also offers: 6-model memory; 4-character naming; digital trims and trim memory; a handy throttle kill button; single switch control of dual rates; the option for FM or PCM operation; EPA and servo reversing on all channels; Mode 1-4 control options; low battery and mixing alarms; a factory-preset throttle fail-safe (in PCM mode); and trainer system. 1-year limited warranty.

Cord required for trainer system use.

Stock#	System	Band	Receiver	Servo(s)	Batts	3 PAY	Tower
FUTK62**	6EXP FM	72MHz	R168DF	---	Tx	\$46.66	\$139.98
FUTK63**	6EXP FM	72MHz	R156F	---	Tx	\$43.33	\$129.99
FUTK64**	6EXP FM	72MHz	R168DF	(4) S3004	Tx, Rx	\$59.99	\$179.97
FUTK65**	6EXP FM	72MHz	R168DF	(4) S3001	Tx, Rx	\$1.66	\$154.98



**10C**

## 10-CHANNEL SYNTHESIZED COMPUTER RADIOS

**Offers pro-level features at a sport-system price.**

Buy a 10C, and you get more than an extra channel. You get a system that offers so much for the money that nothing else comes close. The 10C is one of today's biggest bargains in flight systems...and now, it's available in two synthesized 72MHz versions. Dial n' Key™ programming provides easy access to 15-model memory and access to an incredible amount of setup versatility. Switches and functions are assignable. There's a total of 22 programmable mixes, plus a dozen factory-defined mixes for sailplanes alone. You can set up 7-point throttle curves for airplanes and helis, switch conditions in mid-air, or activate functions automatically with the 10C's exclusive "Logic Switches." 10Cs offer much, much more in terms of programming power, and the ability to fly on any free 72MHz channel.

**SST**  
SMART SWITCH  
TECHNOLOGY™

• With the Condition Select screen, you can program settings before you compete and activate them as you compete!

Stock#	System	Band	Receiver	Servo(s)	Batts	Mode	3 PAY	Tower
FUTJ9150	10CA Syn	72MHz	R3110DPS	---	Tx	2	\$183.33	\$549.99
FUTJ9151	10CH Syn	72MHz	R3110DPS	---	Tx	2	\$183.33	\$549.99





## RADIOS

### AURORA 9 2.4GHz 9-CHANNEL COMPUTER SYSTEMS

Introducing the Aurora 9 2.4GHz radio system. It's Hitec's most sophisticated radio yet, and – thanks to Tower Hobbies – it's available for an unbeatable price! A 5.1 inch-wide, backlit LCD touch-screen makes controlling your favorite flyers easier than ever, while the Aurora 9's true 3-in-1 design makes it perfect for airplanes, sailplanes and helis. Two systems include the Optima 9-channel 2.4GHz receiver, while the third includes an Optima 7-channel 2.4GHz receiver. One system also includes four HS-5485HB digital servos. Throw in PPM/PCM compatibility, 30-model memory, 8 programmable mixes, V-Tail, Delta and Ailevator for airplanes and sailplanes, a Governor for helis, a 1300mAh NiMH battery and you have a 2.4GHz system that's a must-have for any discriminating pilot! 2-year warranty.

HRCJ9000	Aurora 9 2.4GHz Tx/Rx w/4 HS-5485HB.....	\$529.99
HRCJ9100	Aurora 9 2.4GHz Tx & Optima 9 Rx.....	459.99
HRCJ9200	Aurora 9 2.4GHz Tx & Optima 7 Rx.....	429.99

## HITEC RADIOS



SEE THE ENTIRE LINE  
OF HITEC RADIOS AT  
[www.towerhobbies.com](http://www.towerhobbies.com)



### OPTIC 6 2.4GHz 6-CHANNEL COMPUTER RADIOS

Optic 6 2.4GHz flight systems are an extraordinary value for the budget and amazing versatility for the pilot. All models feature a shift-select function that enables Optic systems to use most brands of FM receivers. They're available in three configurations, and all include the Optima 7 receiver. The standard system includes four HS-325HB ball bearing servos, transmitter/receiver batteries and a charger. Other models let you choose between one or two Optima 7 receivers and include a charger and switch harness. Assignable switching and two slider switches (on each side of the case) allow you to customize your control set-up. Programming highlights include: throttle lock; two "free" mixes; 8-model memory; airplane software; crow, camber and reflex mixing for sailplanes; and gyro gain, pitch and throttle curve and revo and CCPM mixes for helis. All also include a 600mAh NiCd battery and a 2-year warranty.

HRCJ5999	Optic 6 2.4GHz Tx w/Optima 7 Rx/4 HS-325HB.....	\$234.99
HRCJ6000	Optic 6 2.4GHz Tx w/Optima 7 Rx.....	199.99
HRCJ6200	Optic 6 2.4GHz Tx w/2 Optima 7 Rx.....	229.99

Tower Hobbies servos offer savings for the budget and selection for the modeler. Choices range from the giant-scale **TS-80** to the high-speed **TS-5** nano, and from ultra-affordable analog servos to cutting-edge digitals designed for superb precision, speed and holding power. The **TS-110** and **TS-115** micros deliver digital performance for small electric aircraft, in both high-speed and high-torque versions. The huge **TS-170** is standard in size, but delivers a minimum of 250 ounce-inches of torque on demand. Titanium gears offer lasting strength, while a metal heat sink helps it stay cool even when the going is hot! Each servo includes mounting hardware, a fuelproof case and universal connectors compatible with Futaba®, JR®, Hitec®, Airtronics® Z and Tower Hobbies® systems. 1-year limited warranty.



• Save when you buy in quantity at [www.towerhobbies.com](http://www.towerhobbies.com)!

Legend: BB, 2BB = ball bearing(s); HS = High-Speed; HT = High-Torque; MCC = Metal Center Case; MG = Metal Gear; ST = Super-Torque; TG = Titanium Gear; UT = Ultra-Torque \* = 180°, non-proportional.

Stock#	Now	Servo	Description	Dimensions (in)	Weight (oz)	Torque (oz-in) 4.8V/6.0V	Spd (sec/60°) 4.8V/6.0V	Air Planes	Park Flyers	Sail Planes	Helis	Off-Road Electrics	On-Road Electrics	Nitro Vehicles	Power Boats	Sail Boats
TOWM4510	\$21.99	TS-5	Nano HS	✓ 0.9 x 0.4 x 0.8	0.3	17 / 21	0.11 / 0.09	✓	✓	✓						
TOWM4515	8.99	TS-6	Nano	✓ 0.9 x 0.4 x 0.8	0.3	17 / -	0.13 / -	✓	✓	✓						
TOWM4505	24.99	TS-10	Micro	✓ 1.1 x 0.5 x 1.2	0.6	30 / -	.22 / -	✓	✓	✓			✓			
TOWM4520	9.99	TS-11	Micro	✓ 1.1 x 0.6 x 1.2	0.6	32 / -	0.17 / -	✓	✓	✓						
TOWM5240	19.99	TS-35	High Power Mini BB	✓ 1.3 x 0.7 x 1.2	1.0	55/66	0.14 / 0.11	✓	✓	✓	✓					✓
TOWM5241	24.99	TS-35MG	High Power Mini BB MG	✓ 1.3 x 0.7 x 1.2	1.1	55/67	0.14 / 0.11	✓	✓	✓	✓					✓
TOWM4525	9.99	TS-53	Standard	✓ 1.6 x 0.8 x 1.4	1.5	42 / -	.22 / -	✓		✓	✓	✓		✓	✓	✓
TOWM4545	15.99	TS-69	Standard BB	✓ 1.6 x 0.8 x 1.4	1.5	42 / -	.22 / -	✓		✓	✓	✓	✓	✓	✓	✓
TOWM5220	14.99	TS-67	Standard 2BB	✓ 1.6 x 0.8 x 1.4	1.6	43/52	.20 / .17	✓		✓	✓	✓	✓	✓	✓	✓
TOWM5227	25.99	TS-64	Standard HT 2BB	✓ 1.6 x 0.8 x 1.5	1.8	69 / 83	0.18 / 0.15	✓			✓	✓		✓	✓	✓
TOWM5214	31.99	TS-70MG	Super Torque 2BB MG	✓ 1.6 x 0.8 x 1.5	2.1	107 / 133	0.24 / 0.20	✓		✓	✓	✓	✓	✓	✓	✓
TOWM5235	23.99	TS-59	Low-Profile Aileron BB	✓ 1.7 x 0.9 x 1.0	1.2	61/77	0.18 / 0.14	✓		✓	✓	✓	✓	✓	✓	✓
TOWM5230	29.99	TS-63 *	Low-Profile Retractable BB	✓ 1.7 x 0.9 x 1.0	1.2	91/110	0.50 / .40	✓								
TOWM5210	29.99	TS-80	Giant Scale 2BB	✓ 2.6 x 1.2 x 1.3	5.4	275 / 343	0.19 / 0.14	✓						✓	✓	
TOWM4590	24.99	TS-110	Micro Digital HS 1BB MG U	✓ 1.2 x 0.5 x 1.1	0.6	36 / 46	0.16 / 0.13		✓	✓	✓					
TOWM4595	29.99	TS-115	Micro Digital HT 1BB MG U	✓ 1.2 x 0.5 x 1.1	0.6	50 / 58	0.20 / 0.16		✓	✓	✓					
TOWM4600	24.99	TS-126	Standard Digital 2BB	✓ 1.5 x 0.8 x 1.4	1.4	61 / 76	0.23 / 0.18	✓			✓	✓	✓	✓	✓	✓
TOWM4604	34.99	TS-140	Standard Digital HS 2BB MG	✓ 1.6 x 0.8 x 1.5	1.9	65/82	0.18 / 0.13	✓			✓	✓	✓	✓	✓	✓
TOWM4608	39.99	TS-150	Standard Digital HT 2BB MG	✓ 1.6 x 0.8 x 1.5	1.9	162 / 193	0.26 / 0.21	✓			✓	✓	✓	✓	✓	✓
TOWM4612	47.99	TS-160	Standard Digital HS HT 2BB MG	✓ 1.6 x 0.8 x 1.5	2.1	110 / 131	0.17 / 0.14	✓			✓	✓	✓	✓	✓	✓
TOWM4616	89.99	TS-170	Std Digital Ultra Torque Titanium Gears 2BB	✓ 1.6 x 0.8 x 1.5	2.2	250 / 333	0.19 / 0.15	✓			✓	✓	✓	✓	✓	✓

## TRANSMITTER CASE

Save without sacrificing on your radio system's protection! Tower Hobbies' economical Transmitter Case is constructed of sturdy, luggage-grade materials. Its attractive, rugged exterior is injection molded and includes high-strength hinges plus a positive-lock latch. Roomy enough to hold two pistol-style radios, the interior is cushioned with deep foam pads. They'll keep your radio nestled comfortably even while the case is stashed in your trunk, jolted by every bump in the road. And the case is great for worry-free storage of many other items, too! 12"H x 16" W x 5.5" D.



Stock #	Description	Retail	Tower
TOWP2010	Transmitter Case.....	\$27.99	\$21.99

## 2-Channel 2.4GHz



## RECEIVERS

Go crystal-free and cutting-edge with the quarter-ounce **2-channel 2.4GHz Receiver**. It's standard equipment in the TOWER® Model 224 2.4GHz radio system and a huge step up in dependability, convenience and performance.

Great for compact fuselages and weight-sensitive aircraft, the **8-Channel DC FM Receiver** provides clear, glitch-free performance in 72MHz Tower Hobbies, Hitec® and Futaba® FM/PPM systems. Includes antenna and crystal; please specify frequency when ordering. 1-year limited warranty on both receivers doubles to 2 years for #1 Super Saver Club members.

Stock #	Description	Retail	Tower
TOWL0224	2-Channel 2.4GHz Receiver.....	\$29.99	\$21.99
TOWL80**	8-Channel DC 72MHz FM Receiver....	79.99	54.99

## RADIO ACCESSORIES

• Choices for the 6FM, 4-TH, 4FM, 2TXP or 2TW radios!

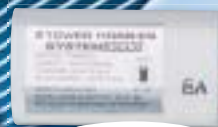
• NiCds, charger, battery boxes and more.

Once you've bought today's best value in R/C systems, keep it at the peak of performance with genuine Tower Hobbies parts. Each accessory is a direct replacement for the original item, priced to make sure they're as easy to afford as they are to install. The selection at right includes a **4-Cell Battery Box w/BEC** and three styles of **Trainer Cords** for the 4-TH, 4FM and 6FM as well as a replacement **Charger** for transmitter and receiver NiCds. Choose from the nine items you see here — or visit [www.towerhobbies.com](http://www.towerhobbies.com) for an even greater variety of choices!

Transmitter Neck Strap Red



Switch Harness w/Charge Cord J



4.8V 500mAh Square Receiver NiCd

Stock #	Description	Retail	Tower
TOWM5050	Transmitter Neck Strap Red .....	\$5.99	\$4.99
TOWM6000	9.6V 500mAh Transmitter NiCd 4FM ..	34.99	22.99
TOWM6020	4.8V 500mAh Square Receiver NiCd....	14.99	12.99
TOWM6025	4-Cell Battery Box w/BEC.....	3.49	3.29
TOWM6060	Switch Harness w/Charge Cord J .....	7.99	6.99
TOWM6080	FM Trainer Cord Round to Round.....	14.99	9.99
TOWM6081	FM Trainer Cord Micro to Micro .....	14.99	9.99
TOWM6082	FM Trainer Cord Micro to Round .....	14.99	9.99
TOWM6101	NiCd Wall Charger TH-FBC-19B4.....	17.99	15.49



## Futaba® SERVOS



Legend: BB, 2BB = Ball Bearing;  
CM = Coreless Motor;  
HS = High-Speed;  
HT = High-Torque;  
MCC = Metal Center Case;  
MG = Metal Gears;  
WP = Water-Protected;  
3P, 5P = 3-Pole (5-Pole)  
Motor / r = 360° rotation (proportional);  
" = 180° rotation (non-proportional)



There are few hard and fast rules for selecting the perfect servo. However, there are some strategies that can help you compare and narrow down servo choices — refer to the tips below.

Stock#	Now	Servo	Description	Dimensions (in)	Weight (oz)	Torque (oz-in) 4.8V / 6.0V	Spd (sec/60°) 4.8V / 6.0V
FUTM0030	\$59.99	S3002	Mini 3P 2BB MG	✓ 1-1/4 x 5/8 x 1-3/16	1.2	37 / 46	0.25 / 0.20
FUTM0034	\$39.99	S3102	Micro Aircraft 3P MG	✓ 1-1/8 x 1/2 x 1-3/16	0.7	51 / 64	0.25 / 0.20
FUTM0025	\$17.99	S3107	Micro (9g) 3P	✓ 7/8 x 7/16 x 13/16	0.3	16.7 / -	0.12 / -
FUTM0047	\$15.99	S3111	Micro (6.6g) 3P	✓ 7/8 x 7/16 x 13/16	0.2	8.3 / -	0.12 / -
FUTM0703	\$14.99	S3111M	Micro (6.3g) 3P w/Micro Plug	✓ 7/8 x 7/16 x 13/16	0.2	8.3 / -	0.12 / -
FUTM0414	\$14.99	S3114	High-Torque Micro (7.8g) 3P	✓ 7/8 x 7/16 x 13/16	0.3	21 / 24	0.10 / 0.09
FUTM0704	\$15.99	S3114M	HT Micro (7.5g) w/Micro Plug 3P	✓ 7/8 x 7/16 x 13/16	0.3	21 / 24	0.10 / 0.09
FUTM0415	\$19.99	S3115	Precision Micro 3P	✓ 1-1/8 x 1/2 x 1-3/16	0.6	39 / -	0.15 / -
FUTM0417	\$18.99	S3117	High-Torque Mini/Micro 3P	✓ 7/8 x 7/16 x 7/8	0.3	21 / 24	0.10 / 0.09
FUTM0076	\$64.99	S9002	Coreless Mini CM 2BB	✓ 1-7/16 x 9/16 x 1-1/4	1.1	34 / 43	0.18 / 0.14
FUTM0107	\$64.99	S9602	HS Mini Air CM 2BB MG	✓ 1-7/16 x 9/16 x 1-1/4	1.1	30 / 38	0.11 / 0.09
FUTM0710	\$13.99	S148	Precision 3P	✓ 1-9/16 x 13/16 x 1-7/16	1.6	33 / 42	0.28 / 0.22
FUTM0029	\$19.99	S3001	Standard 3P BB	✓ 1-9/16 x 13/16 x 1-7/16	1.6	33 / 42	0.28 / 0.22
FUTM0031	\$10.99	S3003	Standard 3P	✓ 1-9/16 x 13/16 x 1-7/16	1.3	44 / 57	0.23 / 0.19
FUTM0004	\$13.99	S3004	Standard 3P BB	✓ 1-9/16 x 13/16 x 1-7/16	1.3	44 / 57	0.23 / 0.19
FUTM0043	\$24.99	S3010	High-Torque 3P BB	✓ 1-9/16 x 13/16 x 1-1/2	1.5	72 / 90	0.20 / 0.16
FUTM0045	\$34.99	S3305	HT Standard 3P 2BB MG	✓ 1-9/16 x 13/16 x 1-1/2	1.7	99 / 124	0.25 / 0.20
FUTM0075	\$34.99	S9001	Aircraft CM BB	✓ 1-9/16 x 13/16 x 1-7/16	1.7	54 / 72	0.22 / 0.18
FUTM0087	\$74.99	S9102	Low-Profile Aileron CM 2BB WP	✓ 1-13/16 x 7/8 x 1	1.6	40 / 50	0.16 / 0.13
FUTM0090	\$54.99	S9202	Aircraft CM 2BB WP	✓ 1-5/8 x 13/16 x 1-7/16	1.8	56 / 69	0.27 / 0.22
FUTM0115	\$89.99	S9206	HT Heli/Air CM 2BB MG WP	✓ 1-5/8 x 13/16 x 1-1/2	1.9	132 / -	0.19 / -
FUTM0102	\$79.99	S9402	High-Speed CM 2BB MG WP	✓ 1-5/8 x 13/16 x 1-1/2	1.9	89 / 111	0.12 / 0.10
FUTM0098	\$64.99	S9405	High-Torque CM 2BB MG WP	✓ 1-5/8 x 13/16 x 1-1/2	1.9	80 / 100	0.13 / 0.11
FUTM0670	\$49.99	S136G*	Compact Retract 3P 2BB WP	✓ 1-3/4 x 7/8 x 1	1.5	61 / 76	0.60 / 0.50
FUTM0036	\$32.99	S3104	1/4 Scale 3P 2BB	✓ 2-5/16 x 1-1/8 x 1-15/16	3.3	128 / -	0.21 / -
FUTM0035	\$54.99	S3302	1/4 Scale 3P 2BB MG	✓ 2-5/16 x 1-1/8 x 1-15/16	3.6	89 / 111	0.24 / 0.19
FUTM0020	\$39.99	S3306	HT High-Speed 3P 2BB WP	✓ 2-5/8 x 1-3/16 x 2-1/4	4.4	267 / 333	0.20 / 0.16
FUTM0038	\$54.99	S3801	HT Sail 3P 2BB MG WP	✓ 2-5/16 x 1-1/8 x 1-15/16	3.8	156 / 194	0.32 / 0.26
FUTM0039	\$49.99	S3802	Sail 3P 2BB MG WP	✓ 2-5/16 x 1-1/8 x 1-15/16	4.4	189 / 236	0.18 / 0.15
FUTM0051	\$84.99	S5301	HT 1/4 Scale 5P 2BB MG WP	✓ 2-5/16 x 1-1/8 x 1-15/16	4.4	233 / 292	0.28 / 0.23
FUTM0052	\$84.99	S5302	HS 1/4 Scale 5P 2BB MG WP	✓ 2-5/16 x 1-1/8 x 1-15/16	4.4	189 / 236	0.18 / 0.15
FUTM0099	\$149.99	S5801/r	Sail Winch 5P 2BB MG WP	✓ 1-13/16 x 1 x 1-3/4	2.9	108 / 136	0.60 / 0.50

Save when you buy in quantities - see [www.towerhobbies.com!](http://www.towerhobbies.com!)

## EQUIPMENT CASES

They're stylish ways to carry, store and protect your radios, and an easy way to state your brand preference. These bags and cases make it easy to carry your equipment and state your brand preference with style! The cloth interior of the **3PK Transmitter Bag** includes two foam blocks that can be moved and then secured with hook & loop strips. Other features include a durable, water-resistant nylon skin, reinforced webbing, a double-zipper closure and a removable and adjustable shoulder strap. Cases feature a stylish, brushed aluminum finish, plus rounded corners, foam-lined lids and lockable latches. **Double Case** features built-in dividers and movable foam blocks. All others — including the **4PK Case** — feature foam pads with cutouts for the transmitter, receiver and other accessories.



Team Transmitter Double Case



Radios not included.

Aero Team Transmitter Case Single

## Customized carrying for R/C equipment.

Stock #	Description	Retail	Tower
FUTP1000	3PK Transmitter Bag.....	\$39.99	\$29.99
FUTP1010	3PK Metal Transmitter Carrying Case....	99.99	69.99
FUTP1012	4PK Metal Transmitter Carrying Case....	75.99	64.99
FUTP1015	Aero Team Transmitter Case Single.....	99.99	69.99
FUTP1018	14MZ Single Metal Radio Case .....	119.99	84.99
FUTP1020	Team Transmitter Double Case .....	119.99	84.99

## Servo Shopping Tips

**Transit Time:** Response time. Longer is better if you're learning. Shorter times add snap to your plane's maneuvers or your car's steering.

**Weight:** Generally, the lighter the better, especially for sailplane applications. Added weight not only consumes power, but can also affect balance and handling.

**Size:** Will it fit? Servo mounts and linkages can be modified, but may affect performance elsewhere as well.

**Torque:** Does it have the muscle to do the job? See applications above for suggestions.

**Metal Gears vs. Molded Gears:** Metal gears are stronger; molded cost less and don't cause interference like metal gears sometimes can.

**BB (Ball Bearings):** They add to the price, but also increase the servo's smoothness and lifespan.

**Coreless (Motor):** Again, adds to the price, but improves resolution for smoother servo travel than cored servos.

**Futaba®**

**Pushing the limits  
of performance  
perfection!**



**S9157 High-Torque  
CM 2BB MG WP**



**S9650 Mini  
CM 2BB**

**S3152  
High-Torque  
3P BB**



## DIGITAL SERVOS

The performance difference that digital servos make is amazing — and Futaba has been delivering it now for more than a decade.

A digital servo sends six power pulses to its motor in the time it takes a conventional servo to send just one. That virtually eliminates deadband and pushes response, centering, holding power and precision that much closer to perfection. That makes them as ideal for sustained power moves as abrupt maneuvers... and the perfect pick for competition.

Some feature heat sink cases (MCC) for better cooling. Many more feature ball bearings (BB) and coreless motors (CM) for faster response, smoother operation and longer life. And all feature water-resistant cases, gold-plated connectors and a 1-year limited warranty.

For the best selection, turn to the First Family of Digital Servos — from Futaba.

**Legend: BB, 2BB = Ball Bearing; CM = Coreless Motor; HS = High-Speed; HT = High-Torque; MCC = Metal Center Case; MG = Metal Gears; WP = Water-Protected; 3P, 5P = 3-Pole (5-Pole) Motor**

Stock#	Now	Servo	Description	Dimensions (in)	Weight (oz)	Torque (oz-in) 4.8V / 6.0V	Spd (sec/60°) 4.8V / 6.0V
FUTM0303	59.99	S3150	Slim Wing 3P 2BB MG	1-3/16 x 7/16 x 1-1/8	0.8	51 / -	0.24 / -
FUTM0652	44.99	S3153MG	Micro 3P BB MG	7/8 x 7/16 x 13/16	0.4	19 / 24	0.13 / 0.11
FUTM0653	39.99	S3153	Micro (9.6 g) 3P BB	7/8 x 7/16 x 13/16	0.3	19 / 24	0.12 / 0.10
FUTM0654	34.99	S3154	High-Torque High-Speed (7.9g) 3P	7/8 x 7/16 x 13/16	0.3	21 / 24	0.10 / 0.09
FUTM0655	49.99	S3155	High-Speed Slim 3P 2BB MG	1-3/16 x 7/16 x 1-1/8	0.7	28 / -	0.16 / -
FUTM0656	39.99	S3156MG	Micro 3P BB MG	7/8 x 7/16 x 7/8	0.3	28 / 33	0.13 / 0.11
FUTM0657	34.99	S3157	Micro High-Torque High-Speed 3P	7/8 x 7/16 x 7/8	0.3	21 / 24	0.10 / 0.09
FUTM0705	29.99	S3157M	Micro w/Micro Plug	7/8 x 3/8 x 7/8	0.3	21 / 24	0.10 / 0.09
FUTM0150	89.99	S9070	Programmable Mini CM 2BB MG	1-3/16 x 7/16 x 1-1/8	1.1	63 / 76	0.18 / 0.15
FUTM0260	59.99	S9650	Mini CM 2BB	1-7/16 x 9/16 x 1-1/8	0.9	50 / 63	0.14 / 0.11
FUTM0300	49.99	S3050	High-Torque Standard 3P 2BB MG	1-9/16 x 13/16 x 1-1/2	1.7	72 / 90	0.20 / 0.16
FUTM0310	29.99	S3151	Sport 3P BB	1-5/8 x 13/16 x 1-7/16	1.5	43 / -	0.21 / -
FUTM0311	34.99	S3152	High-Torque 3P BB	1-9/16 x 13/16 x 1-1/2	1.5	70 / 88	0.22 / 0.18
FUTM0671	64.99	S3170G	Planetary Gear 3P 2BB MG	1-3/8 x 5/8 x 1	0.9	94 / 118	0.57 / 0.47
FUTM0255	99.99	S5050	High-Torque CM 2BB MG WP	2-5/16 x 1-1/8 x 1-15/16	4.5	211 / 264	0.25 / 0.20
FUTM0211	99.99	S9151	Rudder CM 2BB WP	1-9/16 x 13/16 x 1-7/16	1.8	132 / -	0.19 / -
FUTM0215	119.99	S9155	High-Torque Air CM 2BB MG MCC	1-9/16 x 13/16 x 1-7/16	2.2	153 / 192	0.16 / 0.13
FUTM0216	119.99	S9156	High-Torque Air CM 2BB MG MCC	1-9/16 x 13/16 x 1-7/16	2.2	272 / 340	0.21 / 0.17
FUTM0217	139.99	S9157	High-Torque CM 2BB MG WP	1-9/16 x 13/16 x 1-1/2	2.5	- / 425	- / 0.14
FUTM0220	109.99	S9250	Heli CM 2BB MG WP	1-5/8 x 1-3/16 x 1-1/2	1.9	76 / -	0.11 / -
FUTM0222	84.99	S9252	All-Purpose CM 2BB MG WP	1-9/16 x 1-3/16 x 1-7/16	1.8	92 / -	0.14 / -
FUTM0225	119.99	S9255	High-Torque Heli CM 2BB MG WP	1-9/16 x 13/16 x 1-7/16	1.9	125 / -	0.16 / -
FUTM0235	109.99	S9350	High-Torque CM 2BB MG MCC WP	1-9/16 x 13/16 x 1-7/16	2.2	111 / 139	0.15 / 0.12
FUTM0236	119.99	S9351	High-Torque CM 2BB MG MCC WP	1-9/16 x 13/16 x 1-7/16	2.2	153 / 192	0.16 / 0.13
FUTM0210	89.99	S9150	Low-Profile Aileron CM 2BB	1-7/8 x 1-1/16 x 1	1.9	81 / -	0.18 / -
FUTM0212	112.99	S9152	Mega High-Torque CM 2BB MG MCC 4	1-15/16 x 1 x 1-9/16	3.0	222 / 278	0.23 / 0.19
FUTM0213	109.99	S9153	HT High-Speed CM 2BB MG MCC WP 4	1-15/16 x 1 x 1-9/16	3.0	167 / 208	0.18 / 0.15
FUTM0214	89.99	S9154	High-Speed Low-Profile CM 2BB	1-7/8 x 1-1/16 x 1	1.9	64 / -	0.14 / -
FUTM0221	119.99	S9251	GY601/611Gyro CM 2BB MG MCC	1-5/8 x 1-13/16 x 1-7/16	2.0	51 / -	0.07 / -
FUTM0224	119.99	S9254	High-Torque High-Speed CM 2BB	1-9/16 x 13/16 x 1-7/16	1.7	47 / -	0.06 / -
FUTM0667	59.99	S9257	EP Heli Rudder CM 2BB	1-7/16 x 9/16 x 1-1/8	0.9	28 / -	0.08 / -
FUTM0662	84.99	S9452	High-Torque High-Speed CM 2BB MG	1-9/16 x 13/16 x 1-5/16	1.8	102 / 128	0.13 / 0.11
FUTM0661	84.99	S9551	Low-Profile CM 2BB MG WP	1-5/8 x 13/16 x 1	1.6	98 / 122	0.14 / 0.11

## BRUSHLESS SERVOS 5 times the standout performance!

Futaba servos have always been standout performers...and none more so than the BLS251. When introduced in 2007, it was more than just Futaba's first brushless servo — it was first brushless servo in R/C. Today, it's one of 16 options in cutting-edge performance.

Like all standout performers, Futaba brushless servos set standards that other servos can't meet. They're more resistant to jolts and vibration. They respond 30% faster than digital servos. And they offer five times the service life of a brushed servo.

And with the brushless benefits, come all the benefits of digital servos: more strength, better holding power and more precise centering. All, in a package about the size of a standard servo.

See the chart for the right Futaba brushless servo for your application.

**Legend: BB, 2BB = Ball Bearing; CM = Coreless Motor; HS = High-Speed; HT = High-Torque; MCC = Metal Center Case; MG = Metal Gears; WP = Water-Protected; 3P, 5P = 3-Pole (5-Pole) Motor**

Stock#	Now	Servo	Description	Dimensions (in)	Weight (oz)	Torque (oz-in) 4.8V / 6.0V	Spd (sec/60°) 4.8V / 6.0V
FUTM0513	119.99	BLS153	Mini Air 2BB	1-7/16 x 9/16 x 1-1/8	0.9	76 / -	0.15 / -
FUTM0527	129.99	BLS257	Heli Rudder Mini 2BB	1-7/16 x 9/16 x 1-1/8	0.9	36 / -	0.07 / -
FUTM0567	119.99	BLS651	Mini Car 2BB	1-7/16 x 9/16 x 1-1/8	0.9	76 / 97	0.15 / 0.12
FUTM0511	129.99	BLS151	Standard 2BB WP	1-9/16 x 13/16 x 1-3/8	1.6	133 / -	0.15 / -
FUTM0512	189.99	BLS152	Super HT Air 2BB MG MCC WP	1-5/8 x 13/16 x 1-1/2	2.6	- / 431	- / 0.14
FUTM0515	149.99	BLS155	HT Air 2BB MG MCC WP	1-9/16 x 13/16 x 1-7/16	2.3	200 / 250	0.19 / 0.15
FUTM0521	149.99	BLS251	Heli Rudder 2BB MG MCC WP	1-9/16 x 13/16 x 1-7/16	2.2	53 / -	0.06 / -
FUTM0522	149.99	BLS252	F3C Heli 2BB MG WP	1-9/16 x 13/16 x 1-7/16	2.1	139 / 175	0.16 / 0.13
FUTM0523	149.99	BLS253	3 Heli 2BB MG WP	1-9/16 x 13/16 x 1-7/16	2.0	117 / 147	0.13 / 0.10
FUTM0551	149.99	BLS351	High-Torque 2BB MG MCC	1-9/16 x 13/16 x 1-7/16	2.2	173 / 217	0.16 / 0.13
FUTM0552	109.99	BLS451	High-Speed 2BB MG WP	1-9/16 x 13/16 x 1-7/16	2.1	118 / 147	0.13 / 0.10
FUTM0553	74.99	BLS452	HT EP Car 2BB MG WP	1-9/16 x 13/16 x 1-7/16	2.1	156 / 194	0.18 / 0.14
FUTM0554	159.99	BLS352	HT 2BB MG MCC WP	1-9/16 x 13/16 x 1-7/16	2.2	200 / 250	0.19 / 0.15
FUTM0514	129.99	BLS154	Low-Profile 2BB WP	1-7/8 x 1-1/16 x 1	2.1	97 / -	0.14 / -
FUTM0524	139.99	BLS254	Heli Rudder 2BB	1-9/16 x 13/16 x 1-7/16	1.9	53 / -	0.06 / -
FUTM0564	119.99	BLS551	Low-Profile 2BB MG WP	1-9/16 x 13/16 x 1	1.6	102 / 128	0.13 / 0.10



**BLS451  
High-Speed  
2BB MG WP**



**BLS251 Heli  
Rudder 2BB  
MG MCC WP**



**BLS452  
HT EP Car  
2BB MG  
WP**



## Futaba®

R603FS Rx/1-BLS452  
Servo - Surface

R617FS Rx/4-S3004 Servos Air



## FASSTPAK™ 2.4GHZ FLIGHT PACKS

With a FASSTPak, you can duplicate on-board gear from one model in two, three or more models, and use one system to control them all! FUTL1120-1143 are FASSTPak-S for surface applications. FUTL1160-1173 are FASSTPak-A sets for flight applications. All include an Easy Link™ receiver that binds to your transmitter with just the push of a button. A wide variety of servo options provides ready-made solutions to specific applications — and cost savings as a bonus. All include 1-year limited warranty.

**The way to make one 2.4GHz system do the work of many!**

Stock #	Description		Retail	Tower
FUTL1120	FASSTPak-S R603FF Rx/2-S3004 Servos Surface.....	2 PAY \$54.99	\$149.99	\$109.98
FUTL1121	FASSTPak-S R603FF Rx/2-S3010 Servos Surface.....	3 PAY \$43.33	179.99	129.99
FUTL1130	FASSTPak-S R603FS Rx/1-S9452 Servo Surface.....	3 PAY \$56.66	239.99	169.98
FUTL1131	FASSTPak-S R603FS Rx/1-S9350 Servo Surface.....	3 PAY \$63.33	279.99	189.99
FUTL1132	FASSTPak-S R603FS Rx/1-BLS451 Servo Surface.....	3 PAY \$63.33	289.99	189.99
FUTL1133	FASSTPak-S R603FS Rx/1-BLS452 Servo Surface.....	3 PAY \$63.33	279.99	189.99
FUTL1140	FASSTPak-S R603FS Rx/2-S9351 Servos Surface.....	3 PAY \$106.66	449.99	319.98
FUTL1141	FASSTPak-S R603FS Rx/2-BLS351 Servos Surface.....	3 PAY \$126.66	549.99	379.98
FUTL1143	FASSTPak-S R603FS Rx/1 BLS352/1 BLS351 Servo.....	3 PAY \$126.66	549.99	379.98
FUTL1160	FASSTPak-A R616FFM Rx/3-S3114M Servos Air.....	2 PAY \$49.99	159.99	99.98
FUTL1161	FASSTPak-A R616FFM Rx/3-S3157M Servos Air.....	3 PAY \$49.99	229.99	149.97
FUTL1162	FASSTPak-A R617FS Rx/3-S3114 Servos Air.....	3 PAY \$43.33	189.99	129.99
FUTL1163	FASSTPak-A R617FS Rx/3-S3157 Servos Air.....	3 PAY \$63.33	259.99	189.99
FUTL1170	FASSTPak-A R617FS Rx/4-S3004 Servos Air.....	3 PAY \$53.33	219.99	159.99
FUTL1171	FASSTPak-A R617FS Rx/5-S3001 Servos Air.....	3 PAY \$73.33	319.99	219.99
FUTL1172	FASSTPak-A R6008HS Rx/4-S3004 Servos Air.....	3 PAY \$66.66	279.99	199.98
FUTL1173	FASSTPak-A R6008HS Rx/4-S3151 Servos Air.....	3 PAY \$83.33	479.99	249.99

## RECEIVERS

R3110DPS  
10Ch PCM



R148DF  
8Ch FM

Legend: D = Dual-conversion;  
DF = Dual-conversion, FM;  
DP = Dual-Conversion, PCM;  
DPS = Dual-conversion,  
PCM, Synthesized;  
F = FM;  
H = Heli;  
HF = Hi-Response, FM;  
P = PCM

**Crystal-clear reception - and crystal-free channel synthesis.**

Times and technology have changed, but there are two things that remain the same. One is Futaba's commitment to bringing you the latest and best in R/C technology. The other is the Tower Hobbies commitment to offering it at the lowest possible price!

The selection includes repair/replacement receivers for all current Futaba radios, from 2-channel surface systems to sophisticated synthesized receivers for 14-channel flight systems.

All receivers (except synthesized versions) require crystal and include a 1-year limited warranty. For weights, dimensions and other details, please enter the stock number shown at [www.towerhobbies.com](http://www.towerhobbies.com).

Stock #	EASY PAY	Tower	Receiver w/o Crystal	Channels	Modulation	Band	Dimensions (in)	Weight (oz)	Required Crystal	Tower
FUTL0205		\$34.99	R152JE	2	AM (Ch A1 - A6)	27	1.0 x 1.5 x 0.6	0.47	FUTL46**	✓ \$6.49
FUTL0206		34.99	R152JE	2	AM (Ch 61 - 90)	75	1.0 x 1.5 x 0.6	0.47	FUTL49**	✓ 6.99
FUTL0207		32.99	R162JE	2	AM (Ch A1 - A6)	27	1.1 x 1.7 x 0.6	0.5	FUTL46**	✓ 6.49
FUTL0209		32.99	R162JE	2	AM (Ch 61 - 90)	75	1.1 x 1.7 x 0.6	0.5	FUTL49**	✓ 6.99
FUTL0304		89.99	R1131P	3	PCM (Ch 61 - 90)	75	1.1 x 1.7 x 0.6	0.7	FUTL52**	✓ 13.99
FUTL0364		54.99	R153F	3	FM (Ch 61 - 90)	75	1.5 x 1.0 x 0.6	0.5	FUTL64**	✓ 12.99
FUTL0438		27.99	R124F	4	FM (Ch 16 - 35)	72 Low	1.3 x 0.7 x 0.6	0.3	FUTL62**	✓ 12.99
FUTL0439		27.99	R124F	4	FM (Ch 36 - 60)	72 High	1.3 x 0.7 x 0.6	0.3	FUTL63**	✓ 12.99
FUTL0442		39.99	R114F	4	FM (Ch 16 - 35)	72 Low	1.3 x 0.9 x 0.5	0.35	FUTL62**	✓ 12.99
FUTL0443		39.99	R114F	4	FM (Ch 36 - 60)	72 High	1.3 x 0.9 x 0.5	0.35	FUTL63**	✓ 12.99
FUTL0450		39.99	R124H	4	AM (Ch A1 - A6)	27	1.0x1.5x0.6	0.5	FUTL46**	✓ 6.49
FUTL0451		39.99	R124H	4	AM (Ch 11 - 35)	72 Low	1.0x1.5x0.6	0.5	FUTL48**	✓ 5.99
FUTL0454		39.99	R124H	4	AM (Ch 61 - 90)	75	1.0x1.5x0.6	0.5	FUTL49**	✓ 6.99
FUTL0601		79.99	R1461P	6	PCM (Ch 11 - 35)	72 Low	1.0x1.7x0.8	0.5	FUTL62**/63**	✓ 12.99
FUTL0641		59.99	R156F	6	FM (Ch 16 - 35)	72 Low	0.8 x 1.3 x 0.5	0.4	FUTL62**/63**	✓ 12.99
FUTL0812	2 PAY \$54.99	109.98	R148DF	8	FM (Ch 11 - 35)	72 Low	1.0 x 2.2 x 0.9	1.1	FUTL57**	✓ 12.99
FUTL0813	2 PAY \$54.99	109.98	R148DF	8	FM (Ch 36 - 60)	72 High	1.0 x 2.2 x 0.9	1.1	FUTL58**	✓ 12.99
FUTL0821		139.99	R148DP	8	PCM (Ch 00 - 09)	50	1.0 x 2.2 x 0.9	1.1	FUTL56**	✓ 12.99
FUTL0822		139.99	R148DP	8	PCM (Ch 11 - 35)	72 Low	1.0 x 2.2 x 0.9	1.1	FUTL57**	✓ 12.99
FUTL0823		139.99	R148DP	8	PCM (Ch 36 - 60)	72 High	1.0 x 2.2 x 0.9	1.1	FUTL58**	✓ 12.99
FUTL0831		59.99	R168DF	8	FM (Ch 00 - 09)	50	1.1 x 2.2 x 0.8	1	FUTL56**	✓ 12.99
FUTL0832		59.99	R168DF	8	FM (Ch 11 - 60)	72	1.1 x 2.2 x 0.8	1	FUTL57**/58**	✓ 12.99
FUTL0833		59.99	R168DF	8	FM (Ch 61 - 90)	75	1.1 x 2.2 x 0.8	1	FUTL59**	✓ 8.99
FUTL0806	2 PAY \$49.99	99.98	R168DP	8	PCM (Ch 11 - 60)	72	1.4 x 2.5 x 0.8	0.85	FUTL57**	✓ 12.99
FUTL0807	2 PAY \$49.99	99.98	R168DP	8	PCM (Ch 61-90)	75	1.1x2.2x0.8	1.5	FUTL59**	✓ 12.99
FUTL0901		169.99	R149DP	9	PCM (Ch 00 - 09)	50	1.3 x 2.2 x 0.8	1.2	FUTL56**	✓ 12.99
FUTL0911		124.99	R149DP	9	PCM (Ch 11 - 35)	72 Low	1.3 x 2.2 x 0.8	1.2	FUTL57**/58**	✓ 12.99
FUTL7610		189.99	R319DPS	9	PCM (Ch 11-60)	72/Synth	2.1 x 1.3 x 0.8	1.3		
FUTL7612	3 PAY \$63.33	189.99	R3110DPS	10	PCM (Ch 11-60)	72/Synth	2.2 x 1.3 x 0.8	1.3		
FUTL7708		339.99	R5114DPS	14	PCM (Ch 11-60)	72/Synth	1.5 x 2.0 x 0.6	1.2		
FUTL7710		299.99	R5114DPS	14	PCM (Ch 11-60)	50/Synth	1.5 x 2.0 x 0.7	1.2		

# Futaba® 2.4GHz RADIO ACCESSORIES

**Everything you need for FASST  
retrofits and upgrades!**

• **Receivers and Tx modules are available alone or in sets!**

Futaba makes moving up to the advantages of FASST (Futaba Advanced Spread Spectrum Technology) easy for everyone.

The simplest way to upgrade your current Futaba system is with performance-matched transmitter module and receiver sets. Just unplug the old transmitter module, and plug in the new one. All modules are engineered for a fast, perfect fit. There are no external wires or cables to get in your way or become disconnected, because the antenna is built into the module. And with its pivoting design, you can position it to maximize your RF link at all times.

The matching receiver requires little more. There's no need for "satellite" receivers with Futaba systems; one receiver does it all. What's more, all Futaba receivers bind to the transmitter with just one push of the button on the Easy Link™ receiver.

Better still, you don't have to retrofit every model in your hangar with a FASST receiver right away. Transmitter modules can be removed as easily as they're installed. That way, you can enjoy a new FASST-equipped model now, swap your original module for the FASST module, and use the same transmitter to control existing models.

And since receivers are available separately, you can equip new models with 2.4GHz receivers...and control multiple models with the same transmitter.

The option is yours, and all offer the unprecedented dependability and interference-resistance of Continuous Channel Shifting...the "detect and correct" power of patented Pre-Vision™ technology...and the signal strength possible with Dual Antenna Diversity\*.

For more details or dimensions, see [www.towerhobbies.com](http://www.towerhobbies.com) or [www.futaba-rc.com](http://www.futaba-rc.com).

\* The R603FF receiver does not feature Dual Antenna Diversity.

Stock #	Receivers		Tower
FUTL7630	R603FS 3-Channel 2.4GHz Rx 3PK	2 PAY \$49.99 ✓	\$99.98
FUTL7631	R603FF 3-Channel 2.4GHz Rx 3PM	✓	89.99
FUTL7634	R604FS 4-Channel 2.4GHz Rx 4PK	2 PAY \$59.99 ✓	119.98
FUTL7624	R604FF 4-Channel 2.4GHz Air Indoor Micro Rx	✓	49.99
FUTL7626	R616FFM 6-Channel 2.4GHz Micro Parkflyer Rx	✓	59.99
FUTL7627	R617FS 7-Channel 2.4GHz Rx	2 PAY \$49.99 ✓	99.98
FUTL7639	R6008HS 8-Channel 2.4GHz Rx	3 PAY \$46.66 ✓	139.98
FUTL7645	R6014HS 14-Channel 2.4GHz Rx	3 PAY \$66.66 ✓	199.98
Transmitter Modules			
FUTL8925	3-Channel 2.4GHz Tx Module 3PK	2 PAY \$59.99 ✓	119.98
FUTL8927	TM-7 7-Channel 2.4GHz Module 9C/9Z/8U/7U	3 PAY \$53.33 ✓	159.99
FUTL8928	TM-8 8-Channel 2.4GHz Module 9C/9Z/8U/7U	3 PAY \$56.66 ✓	169.98
FUTL8930	TM-10 FASST 10-Channel Module 10C	3 PAY \$59.99 ✓	179.97
FUTL8934	TM-14 14-Channel 2.4GHz Module 14MZ/12Z/FG	3 PAY \$59.99 ✓	179.97
Module/Receiver Sets			
FUTL8926	R603FS 3-Channel 2.4GHz Tx/Rx Module 3PK	3 PAY \$59.99 ✓	179.97
FUTL8951	R617FS 7-Channel 2.4GHz Rx/TM-7 Module	3 PAY \$66.66 ✓	199.98
FUTL8955	R6014HS 14Ch 2.4GHz Rx/TM-10 Tx Module	3 PAY \$116.66 ✓	349.98
FUTL8956	R6014FS 14Ch 2.4GHz Rx/TM-14 Tx Module	3 PAY \$133.33 ✓	399.99

		Receivers - Air						
		R6004FF	R616FFM	R607FS	R617FS	R608FS	R6008HS	R6014HS
Transmitters	6EX	•	•	•	•			
	7C	•	•	•	•			
	10C/G	•	•	•	•	•	•	•
	12FG	•	•	•	•	•	•	•
	12Z	•	•	•	•	•	•	•
Modules	14MZ	•	•	•	•	•	•	•
	TM-7	•	•	•	•	•	•	•
	TM-8	•	•	•	•	•	•	•
	TM-10	•	•	•	•	•	•	•
	TM-14	•	•	•	•	•	•	•

Modules				
Transmitters	TM-7	TM-8	TM-10	TM-14
7U	•	•		
8U	•	•		
9C	•	•		
9Z	•	•		
10C	•	•	•	
12FG				•
12Z			•	•
14MZ				•



**R617FS 7-Channel 2.4GHz Receiver**



**R603FF 3-Channel 2.4GHz Receiver (3PM)**



**TM-8 8-Channel 2.4GHz FASST Transmitter Module (9C/9Z)**



**R6014FS 14Ch 2.4GHz Rx/TM-14 Tx Module**



**3-Channel 2.4GHz FASST Rx/Tx Module (3PK)**

Receivers - Surface			
Transmitters	R603FF	R603FS	R604FS
3PM	•	•	
3PKS	•	•	
3VCS	•	•	
3GR	•	•	
4PK	•	•	•



## FSU-2 MICRO FAIL-SAFE



**\$19.99**  
FUTM0992 ✓

- Tiny 0.2 oz. item prevents runaways by automatically throttling back to a setting you choose!
- Easy plug-in installation. Works with 4.8V or 6.0V power, AM or FM, cars and boats. 1-year limited warranty.

## NR4F 4.8V 1500MAH RX NICK



**\$34.99**  
FUTM1285 ✓

- Offers greater capacity than receiver batteries included with most systems.
- Assembled and shrink-wrapped, with wire lead and Futaba J connector installed.

## NT8JY 9.6V TRANSMITTER NICK PACK



**\$39.99**  
FUTM1463 ✓

- Flat 8-cell pack for the 2PCKA, 2PEKA, 3PD, 3PJ, 3PJS, 4NBL, 4NBF, 4NBP, 4VF, and 4YBF transmitters.
- Preassembled with 2-pin connector on 8" wire lead.

## 9" AILERON EXTENSION

- Goes the extra distance in building!
- Includes Futaba J connectors.



**\$5.49**  
FUTM3910 ✓

## MINI SWITCH HARNESS & CHARGE CORD



**\$9.99**  
FUTM4370 ✓

- Handy combination unit lets you operate a receiver and recharge NiCds through the fuselage.
- Mounts in just minutes — eliminates the need to open hatches or remove wings.

## DELUXE HEAVY-DUTY FOLDING CHAIR W/BAG



**\$39.99**  
FUTZ7316

- Chair's patented support system and powder-coated 22 mm tubular steel frame hold up to 350 lbs.
- Deluxe carrying case included.

Stock #	Description	Tower
FUTM0999	PA-2 Pilot Assist Link Auto Pilot	\$59.99
FUTM1280	NR4J Rx NiCd 4.8V 600mAh J Flat	17.99
FUTM1295	NR4QB Rx NiCd 4.8V 600mAh J Square	17.99
FUTM1380	NR4RB Rx NiCd 4.8V 1000mAh J	37.99
FUTM1462	NT8F700B Transmitter NiCd 3PK	34.99
FUTM1465	NT8IB Tx NiCd 9.6V 9VA/H/6NPK/PK	37.99
FUTM1475	12Z/14MZ 7.4V 2200mAh Li-Ion Tx Battery	89.99
FUTM3955	Servo Extension 16" J	6.49

Stock #	Description	Tower
FUTM4130	Dual Servo Extension 6" J	\$8.99
FUTM4135	Heavy Duty Dual Servo Extension 6" J	10.99
FUTM4140	Heavy Duty Servo Extension 8" J	7.29
FUTM4145	Heavy Duty Servo Extension 16" J	7.99
FUTM4147	Heavy Duty Servo Extension 20" J	7.99
FUTM4148	Heavy Duty Servo Extension 40" J	10.99
FUTM4150	SR-10 Dual Servo Reverser	39.99

Stock #	Description	Tower
FUTM4155	MSA-10 Servo Synchronizer	\$64.99
FUTM4165	BR-2000 Battery Checker/Discharger	44.99
FUTM4376	Trainer Box FM/PPM/2.4GHz	49.99
FUTM4385	Heavy Duty Switch Harness w/Charge Cord	17.99
FUTM4415	Trainer Cord Micro to Micro Plug	12.99
FUTM4420	Trainer Cord Micro to Round Plug	12.99
FUTM9405	CAMPac Data Storage Module 16K	24.99

For more information about these and other essential Futaba accessories, visit [www.towerhobbies.com](http://www.towerhobbies.com)!

The smallest, lightest heli gyro ever!



GY520 Gyro w/Heading Hold



GV-1 Governor



GY240 Gyro 70HZ w/SMM Technology



GY611 Gyro w/S9256 Servo



GY401 Gyro w/SMM Technology

## HELI GYROS

The **GY520 w/Heading Hold** is the newest GY series Gyro and the most sophisticated gyro Futaba has ever offered. It's smaller than a dime and 9+ grams lighter than the nearest competitor. Like all GY gyros, it offers the superior tail-holding power of AVCS, but blends it with new sensors so sensitive that response is effectively instantaneous. It excels with analog or digital servos, in helis ranging from tiny electrics to .90-size nitro 3D aerobats, and not only offers six fine-tuning features...but two ways to set each one. Other GY series gyros include the single-gain **GY240** for electrics and .30-size; **GY401** gyros for .30-.60; and the advanced **GY611 w/S9256 Servo** for large helis. Gyros without servos require them; see [www.towerhobbies.com](http://www.towerhobbies.com) for requirements. The **GV-1 Governor** holds engine and main rotor speed to within +/-1% at any of three rpm settings. All items include 1-year limited warranty.

Stock #	Description	Tower
FUTM0807	GY401 Gyro w/SMM Technology	\$149.99
FUTM0808	GY401 Gyro w/S9254 Digital Servo	229.98
FUTM0809	GY240 Gyro 70HZ w/SMM Technology	129.99
FUTM0810	GY520 Gyro w/Heading Hold	199.99
FUTM0825	GY611 Gyro w/S9256 Servo	399.99
FUTM0830	G190 Micro Piezo Gyro	64.99
FUTM1001	GV-1 Governor	164.99
FUTM1101	GV101 Sensor/Magnet/Mount GV-1	42.99

## Futaba® FLIGHT PACKS

Why buy a separate radio for every plane/heli you own? The **Heli Flight Pack** includes five S3001 BB servos, a 1000mAh NiCd, and the compact R168DF Receiver. **Airplane Flight Packs** include the same receiver plus aileron extension — choose four S3004 BB servos, or a 600mAh NiCd and either standard S3004 BB or digital S3151 BB servos. All include servo accessories and a switch harness. Version with R168DF receiver can be used with either **Low Band (11-35)** or **High Band (36-60)** crystals. All receivers require crystals. Please specify frequency choice(s) when ordering.

Stock #	Description	Retail	Tower
FUTL1100	Air/Heli 8-Channel Flight Pack R168DF/4 S3004..... <b>2 PAY \$54.99</b>	\$169.99	\$109.98
FUTL1105	Air/Heli 8-Channel Flight Pack R168DF/4 S3004s/NiCd..... <b>3 PAY \$41.66</b>	189.99	124.98
FUTL1110	Heli 8-Channel Flight Pack R168DF/5 S3001s/NiCd.....	249.99	149.99
FUTL1115	Air/Heli 8-Channel Flight Pack R168DF/4 S3151s/NiCd.....	299.99	159.99
FUTL57**	Receiver Crystal FM DC 72MHz Low.....	14.99	12.99
FUTL58**	Receiver Crystal FM DC 72MHz High.....	14.99	12.99

Savings for the multi-plane pilot!



Airplane 8-Channel Flight Pack R168DF/4 S3004s/NiCd



## SERVOS For electrics - and more!

You expect ElectriFly to have servos for foamies, park flyers and indoor electrics and they deliver, with the four gram **ES40 Pico**, compact **ES50 Nano** and **ES80 Micro**. But you may not know that their largest, the **ES100 Standard** can handle the needs of any airplane with a .10-.40 glow engine or its electric equivalent!

The chart below shows 4.8V torques and speeds. The ES40 includes a universal connector. All others include a Futaba J connector and also come in money-saving 10-packs!



Stock#	Servo	Description	Torque (oz-in)	Speed (sec/60°)	L x W x H (in)	Weight (oz)	Tower	(10 Pack)	Stock#	Tower
GPMM1200	ES40	Pico	9.7	0.08	0.8 x 0.3 x 0.8	0.14	\$12.99		N/A	
GPMM1210	ES50	Nano	16.7	0.13	0.9 x 0.4 x 0.8	0.32	9.99		GPMM1262	\$89.99
GPMM1220	ES80	Micro	32.0	0.17	1.1 x 0.6 x 1.2	0.6	10.99		GPMM1265	99.99
GPMM1230	ES100	Standard	47.0	0.22	1.6 x 0.8 x 1.4	1.4	7.99		GPMM1268	79.99



## GREAT PLANES® DOUBLE-SIDED FOAM TAPE

Create a custom mount for on-board gear with cut-peel-apply ease. Big 3" roll is enough for dozens of easy installations. 1/32" thickness provides a jolt- and vibration-absorbing cushion. Available in 1/2" and 1" widths.



Stock#	Description	Tower
GPMD4440	1/2" Servo Tape 3'.....	\$1.59
GPMD4442	1" Servo Tape 3'.....	2.39

## ELECTRIFLY® BY GREAT PLANES® 2-PIN CONNECTORS

Pre-tinned for easy soldering.

Ideal for use with most ElectriFly electronics, these 2-pin, BEC-style red connectors feature 24-gauge wire, pre-tinned at the ends for easy soldering. **Male** connector plug is 0.51" L x 0.22" W x 0.12" H. **Female** plugs measure 0.75" L x 0.28" W x 0.16" H. Packaged in pairs.



Stock#	Description	Tower
GPMM3106	Male 2-Pin Red (2).....	\$2.79
GPMM3107	Female 2-Pin Red (2).....	2.79

## ELECTRIFLY® BY GREAT PLANES® MINI FM RECEIVERS

Ideal for small electrics and compatible with Futaba®, Tower Hobbies® and most other radio brands. Requires **FM Single Conversion Short Receiver Crystal**, available separately. 1-year limited warranty. 72MHz.



\*Note: ElectriFly receivers are suitable for park flyers and other aircraft that require a ground reception range of 900 feet or less. For specific applications, please see [www.towerhobbies.com](http://www.towerhobbies.com).

Stock#	Description	Tower
GPML0044	4Ch FM Rx 72MHz Low w/o Crystal.....	\$24.99
GPML0045	4Ch FM Rx 72MHz High w/o Crystal.....	24.99
GPML20**	FM SC Short Rx Crystals 72MHz.....	8.99

## GREAT PLANES® SWITCH & CHARGE JACK MOUNTING SET

Mounts in a single step and offers easy ways to recharge onboard packs and turn a receiver on/off. Works with all radios and switches...and requires drilling a single hole. Switch required.

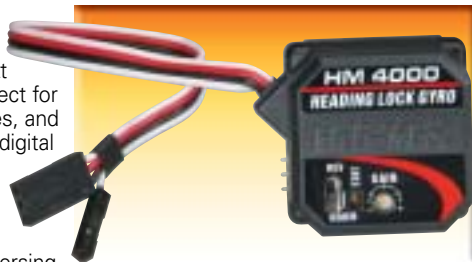


Stock#	Description	Tower
GPMM1000	Switch & Charge Jack Mounting Set.....	\$3.89

## Heli-Max® HEADING LOCK GYRO

Compatible with all major radio systems!

Add incredible precision to your electric heli with this innovative accessory! At just 0.6 ounces it's perfect for mini and micro machines, and works with a variety of digital and analog servos. Features mechanical gain adjustment and dual remote gain adjustment, a servo reversing switch and LED status indicator light. Comes with universal connectors.



Stock#	Description	Retail	Tower
HMXM1012	HM4000 Heading Lock Gyro.....	\$79.99	\$39.99

## HOBBICO® 72MHZ RADIO FREQUENCY CHECKER

Why wonder if someone's on "your" frequency? Turn on **Frequency Checker**, and you'll know for sure! It's no bigger than a deck of cards and weighs just two ounces, so it's easy to take along. Turn it on, and it automatically scans all 50 frequencies in just 15 seconds and identifies each frequency in use with a glowing red LED. Detects in-use frequencies at up to 300 feet alone; add the **Antenna** (available separately) and it extends the range to 1000 feet! Requires 3 "AAA" alkaline cells. 1-year limited warranty.



72MHz Radio Frequency Checker

Stock #	Description	Retail	Tower
HCAPO340	72MHz Radio Frequency Checker.....	\$79.99	\$34.99
HCAPO341	72MHz Radio Frequency Checker Antenna.....	9.99	3.99



## ACCU-CYCLE™ ELITE PRO SERIES™ FOR R/C SYSTEM BATTERIES

For the best in radio battery care, there's nothing like the Accu-Cycle Elite. It can handle LiPo and Lilon cells as well as NiCd's and NiMH's. It can charge, discharge, condition good cells and packs for longer life and even help identify bad packs before you fly. It's designed so you can work with a single Tx or Rx pack, or one of each simultaneously. For maximum ease, you can have the Auto Smart Set calculate a safe charge rate, trickle rate, voltage cut-off and safety time out. Ask for more versatility, and the Elite can help you customize charge rates, discharge rates, voltage cut-off and the number of cycles with push-buttons and store the routine for next time in 10-model memory. And while that's happening, the Elite will also keep you aware of progress with status/alarm sounds and messages that come up big and bold on a 16-character LCD. It offers two ways to terminate charging and discharging — but add the optional **Temperature Sensor** and the Elite will stop when preset temperature limits are exceeded, too. It requires banana plugs, leads and connectors — available together in 39" long **Charge Leads**.

\*NOTE: Most modern transmitters feature diode protection, which prevents NiCd's from being discharged through radio circuitry. To be discharged, NiCd's must be connected directly to Accu-Cycle.



Stock #	Description	Retail	Tower
HCAP0280	Accu-Cycle Elite Battery Cycler..... <b>3 PAY \$46.66</b>	\$249.99	<b>\$139.98</b>
HCAP0281	Accu-Cycle Elite Temperature Sensor.....	10.99	<b>9.99</b>
HCAP0101	Futaba J Tx/Rx Charge Leads No 9VAP.....	9.99	<b>8.99</b>
HCAP0102	Futaba J Tx/Rx Charge Leads 9VAP Only.....	9.99	<b>8.99</b>
HCAP0105	JR Tx/Rx Charge Leads.....	9.99	<b>8.99</b>
HCAP0106	Hitec/Air Z Tx/Rx Charge Leads.....	9.99	<b>8.99</b>
HCAP0110	Charge Leads 9V Tx Plug & Futaba J Rx.....	9.99	<b>8.99</b>

## RADIO ACCESSORIES

■ **A popular choice in dependability and price.**

Don't take chances with price and quality! Made by one of the most respected names in R/C, Hobbico servo accessories help you enjoy state-of-the-art dependability at down-to-earth prices. **Y-Harnesses, Servo/Battery Leads, Switch Harnesses w/Charge Plug** and 6", 12" or 24" **Extensions** — Hobbico has 'em all, with either Futaba® J plugs (compatible with Tower Hobbies® equipment) or "universal connectors" for use with Airtronics® "Z", JR® or Hitec® systems. 1-year limited warranty.

Stock #	Description	Retail	Tower	Stock #	Description	Retail	Tower
HCAM2000	6" Extension Futaba J.....	\$4.50	<b>\$4.29</b>	HCAM2300	Servo/Battery Lead Futaba J.....	\$3.25	<b>\$2.99</b>
HCAM2030	6" Extension JR/Hitec/Airtronics Z.....	4.50	<b>4.29</b>	HCAM2330	Servo/Battery Lead JR/Hitec/Airtronics Z.....	3.25	<b>2.99</b>
HCAM2100	12" Extension Futaba J.....	5.00	<b>4.49</b>	HCAM2400	Switch Harness w/Charge Plug Futaba J.....	9.25	<b>8.49</b>
HCAM2130	12" Extension JR/S/Z.....	5.00	<b>4.49</b>	HCAM2430	Switch Harness w/Charge Plug JR/Hitec/Z.....	9.25	<b>8.49</b>
HCAM2200	24" Extension Futaba J.....	5.50	<b>4.99</b>	HCAM2500	Y-Harness Futaba J.....	11.50	<b>9.99</b>
HCAM2230	24" Extension JR/S/Z.....	5.50	<b>4.99</b>	HCAM2530	Y-Harness JR/Hitec/Airtronics Z.....	11.50	<b>9.99</b>



Servo/Battery Lead Futaba J

Y-Harness Futaba J



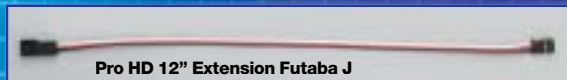
## PRO SERIES™ HEAVY-DUTY RADIO ACCESSORIES

For added flight insurance, Hobbico's aileron extensions, battery leads and Y-harnesses come equipped with custom-designed, heavy-duty connectors whose secure "click-lock" feature guards against loosening. Twenty gauge wire is used to better withstand heavy current loads. Gold-plated terminals improve conductivity and protect against oxidation. Choose from versions for Futaba J receivers, or for JR/Hitec/Air Z receivers.

- **Quality accessories for improved radio performance!**
- **Custom "click-lock" connectors.**
- **20-gauge wire.**
- **Gold-plated terminals.**



Pro HD Y-Harness Futaba J



Pro HD 12" Extension Futaba J

■ **In 6", 12" and 24" lengths.**

Stock #	Description	Retail	Tower	Stock #	Description	Retail	Tower	Stock #	Description	Retail	Tower
HCAM2700	6" Extension JR/Hitec/Air Z.....	\$6.49	<b>\$5.99</b>	HCAM2725	36" Extension JR/Hitec/Air Z.....	\$8.99	<b>\$7.99</b>	HCAM2741	Female Servo Lead Futaba J.....	\$4.99	<b>\$4.49</b>
HCAM2701	6" Extension Futaba J.....	6.49	<b>5.99</b>	HCAM2726	36" Extension Futaba J.....	8.99	<b>7.99</b>	HCAM2750	Y-Harness JR/Hitec/Air Z.....	13.99	<b>11.99</b>
HCAM2710	12" Extension JR/Hitec/Air Z.....	6.99	<b>6.49</b>	HCAM2730	Servo Lead JR/Hitec/Air Z.....	4.99	<b>4.49</b>	HCAM2751	Y-Harness Futaba J.....	13.99	<b>11.99</b>
HCAM2711	12" Extension Futaba J.....	6.99	<b>6.49</b>	HCAM2731	Servo Lead Futaba J.....	4.99	<b>4.49</b>	HCAM2760	Switch Harness JR/Hitec/Air Z.....	13.99	<b>10.99</b>
HCAM2720	24" Extension JR/Hitec/Air Z.....	7.99	<b>6.99</b>	HCAM2740	Female Servo Lead JR/Hitec/Air Z.....	4.99	<b>4.49</b>	HCAM2761	Switch Harness Futaba J.....	13.99	<b>10.99</b>
HCAM2721	24" Extension Futaba J.....	7.99	<b>6.99</b>								

## CUSTOM RADIO CASES

Safeguard your transmitters with the protection of an extruded aluminum frame, bronze-finish aluminum outer skin and thick, impact-resistant foam pads! Lockable hinges and latches last through years of hard use. The **Single Custom Radio Case** is 13.5" long by 9" wide by 5.5" high. The **Double Custom Radio Case** measures 16.5" long by 12.5" wide by 5.75" high. Both include 2 full-size 1.5" foam pads.



Radios not included.

Stock #	Description	Retail	Tower
HCAP2015	Custom Radio Transmitter Case Single.....	\$59.99	<b>\$44.99</b>
HCAP2115	Custom Radio Transmitter Case Double.....	69.99	<b>54.99</b>

## AIR ALERT™ FLIGHT PACK MONITOR

LOW VOLTAGE & LOST AIRCRAFT ALARM

This compact on-board system emits special sequences of beeps to signal potentially risky flight pack situations, such as low battery voltage or 1+ minutes of transmitter inactivity (warning you that either the transmitter is not turned on or the receiver has not been turned off). And if your plane crashes but you're not sure where, it also serves as a handy tracking device. Using servo tape, you can mount the unit flush against the inside or outside of the fuselage. Its case is foam-cushioned to protect internal components. Universal connector included. 2-year limited warranty.



Stock #	Description	Retail	Tower
HCAP0335	Air Alert Flight Pack Monitor.....	\$25.99	<b>\$15.99</b>

## CASTLE™ CREATIONS BERG RECEIVERS

The **Microstamp 4** 4-channel offers a new level of crash resistance, having a full-cavity, injection-molded case with integrated circuit board. The **Microstamp 4L** is even smaller and lighter — no case at all means extra weight savings! Use the versatile **7-Channel Programmable Vertical Rx** or the **7-Channel Programmable Horizontal Rx** with virtually any aircraft, from park flyers to helis. All feature triple-tuned RF circuitry, true DSP filtering and a steep flank 8-pole IF ceramic filter. All require a **Micro Crystal**, 10A **Switching Regulator** eliminates the need for a receiver and servo battery pack. Note: the 7-Channel Horizontal is not compatible with the Futaba® 9Z series or PCM systems.



		RETAIL	TOWER
CSEL0001	MS4 Berg Microstamp 4 4Ch Micro Rx FM.....	39.95	33.99
CSEL0005	MS4L Berg Microstamp 4L 4Ch Micro Rx.....	34.95	29.99
CSEL0010	RX7CHP Berg 7P 7Ch FM Prog Vert Rx.....	59.95	51.99
CSEL0011	BERG7PHORZ Berg 7P 7Ch FM Prog Horiz Rx.....	59.95	51.99
CSEL01**	Micro Crystal Berg.....	7.99	6.79
CSEL0005	CCBEC CC BEC 10A Switching Regulator.....	24.95	21.99

## DU-BRO® RADIO ACCESSORIES

Long-fiber composites in **Standard Servo Arms** (673) add superior strength to your servo set-up. **Long Servo Arms** (672) extend arm length for more control throw — ideal for Tower Hobbies® and Hobbico® servos. **Long Super Strength Arms** (670, 671) add muscle to leverage for an extra edge in heavy-duty applications. Also available: steel **Socket Head Servo Mounting Screws** (893) and **Micro Servo Arms** (985, 986).



DUBC0893	893 Socket Head Servo Mnting Screws (24) ✓	4.40	4.19
DUBM6670	670 Super Strength Arms Futaba J Long (8) ✓	11.90	10.99
DUBM6671	671 Super Strength Servo Arms JR Long (8) ✓	11.90	10.99
DUBM6672	672 Servo Arms Long S/Hobbico (8) ✓	11.90	10.99
DUBM6673	673 Standard Servo Arms Futaba J (8).....	9.45	8.99
DUBM6985	985 Micro Servo Arm XL SV80.....	6.25	5.99
DUBM6986	986 Micro Servo Arm XL DSP60.....	6.25	5.99

## EMS® RADIO ACCESSORIES

**Heavy Duty DSC Switch** is available with connectors for Futaba® "J" or for JR®, Hitec®, and Airtronics® Z systems. In-line **Servo Reverser** works with any servo and receiver set-up with a Futaba "J" connector. **Standard Switch Harness** for Futaba "J" systems features gold-plated connectors. Sets of 10 **Unassembled Male Connectors** and **Unassembled Female Connectors** help modelers create custom servo leads and extensions. Gold-plated pins allow high conductivity for 20-30 AWG wires. **Digital Pulse Meter** and **Servo Driver** also available.



EMOC1003	1003 Servo Driver.....	29.95	22.49
EMOC1004	1004 Digital Pulse Meter.....	29.95	22.49
EMOM0019	0019 Heavy Duty DSC Switch J.....	12.95	11.99
EMOM0020	002020 Heavy Duty DSC Switch JR.....	12.95	11.99
EMOM0021	EMO0021 Standard Switch Harness J.....	7.95	7.59
EMOM0027	0027 Servo Reverser Futaba J.....	22.50	18.99
EMOM0115	0115 Unassembled Male Conns Futaba J (10).....	11.50	10.59
EMOM0116	0116 Unassembled Female Conn Futaba J (10).....	12.50	11.59

## ERNST CHARGE RECEPTACLES

• **A low-cost accessory that adds up to a big convenience.**

Charge receptacles allow on-board receiver battery recharging through the fuselage. Install by drilling holes for two screws, making a hole for the switch, then connecting. Charge receptacles can be used without removing the wing and include all hardware. Fits fuselages up to 1/2" thick.



ERNM3001	124 Charge Receptacle Futaba J FM.....	2.98	2.89
----------	--	------	------

## HPI RACING® RADIO ACCESSORIES



80588

The **Dbox Drift Assist System** prevents tail slides and spinouts due to excessive tire spin. Compatible with Futaba® "J" connectors, it features a gain control function which allows you to adjust to changing track and weather conditions. High-torque **Metal GearServos** provide smooth operation for two of HPI's most popular vehicles, the Savage™ XL 5.9 GT RTR and the Baja 5T.

		RETAIL	TOWER
HPIC0597	80597 SFL-10 MG2 Srvo Mtl Gr/24.0kg-cm 5T ✓	119.00	98.99
HPIM0588	80588 Dbox Drift Assist System.....	145.00	94.99
HPIM0594	80594 SF-5 Servo Mtl Gear/8.9kg-cm 6.0V ✓	60.00	49.99

## INTEGY RADIO ACCESSORIES

All Integy transmitter steering wheels feature a comfortable, foam finger grip that makes it easier to tackle top-end speeds and grueling mains! Choices for BBS transmitters include the two **10-Spoke** models in gold or gun metal grey. An **18-Spoke** model for SP transmitters is also available in silver. Also available: **Tx Wheel Adapter** for Futaba® radios.



2942Silver

INTM1013	2941GOLD 10-Spoke BBS Steering Whl Tx.....	25.99	23.39
INTM1014	2941GUN 10-Spoke BBS Steering Whl Tx.....	25.99	23.39
INTM1018	2942SILVER 18-Spoke SP Steering Whl Tx.....	25.99	23.39
INTM1020	2944 Tx Wheel Adapter Futaba Radio.....	4.99	4.79

## MULTIPLEX® RADIO ACCESSORIES



993218

Get the most out of your Cularis glider with the all-in-one **Power Set**, which includes a Himax 700kV brushless motor, BL37 brushless ESC, prop and spinner. Servo choices include the metal-gear, 3-bearing **Rhino Digi 4** for 1/4-1/5 scale cars and trucks, the **Easy Glider Servo Pack** and the **Blizzard Servo Pack**. Both include four Hitec® servos and all necessary extensions.

MPUL9318	993218 Power Set Cularis.....	209.95	147.99
MPUM6528	65128 Servo Rhino Digi 4.....	159.95	109.99
MPUM8226	M98226 EG Pro Servo Pck-2 HS-82HD 2 HS-55 ✓	105.95	77.99
MPUM9233	M998233 Servo Pack Blizzard.....	145.95	107.99

## OFNA MICRO FAIL-SAFE UNIT



The Micro Fail-Safe Unit is designed especially for nitro vehicles, featuring a CPU "fuzzy logic" system and a low battery warning. It prevents accidents by detecting low battery voltage, low radio battery voltage and signal interference. If there's no radio signal, the unit stops your vehicle by applying the brake servo. Compatible with 4.8V-6V receivers. Includes Futaba® "J" connectors.

OFNM1002	91002 Micro Fail Safe Unit.....	29.95	25.99
----------	---------------------------------	-------	-------

## PARSONS PRODUCTS RADIO PLUG SAFETY CLIPS

- **Inexpensive insurance against loose connections.**
- **Available for Futaba®, Hitec® or JR®.**

Plugs can't slip loose to cause problems with a bright yellow safety clip attached. Simply slide in your plugs for easy installation — once inside, these uniquely designed clips lock plugs together. Perfect for Y-harnesses, aileron extensions, battery-to-switch harness and more!



FJP

		RETAIL	TOWER
PRNM1000	FJP Safety Plug Clips Futaba J (3).....	3.49	3.39
PRNM1010	JRP Safety Plug Clips JR (3).....	3.49	3.39
PRNM1030	HTP Safety Plug Clips Hitec (3).....	3.49	3.39

## ROBOTRONIC LAP COUNTER SET

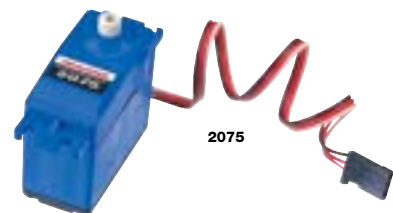
Great for indoor or outdoor tracks, this Lap Counter Set lets you keep track of race and lap times for R/C cars from 1/24 scale to 1/8 scale. Unlimited cars can run at once, while three small, lightweight (0.10 oz.) transponders beam race stats to the counter. Just mount the included receivers under a bridge or crossing and you're good to go! You can also connect the counter to a PC using the included interface and USB cable. Includes Windows® compatible training software. Spare **Receiver** and **Transponder** also available.



RS160

RBOM1600	RS160 Lap Counter Set w/3 Transponders.....	540.00	359.99
RBOM1630	RS163 Personal Transponder.....	55.00	39.99
RBOM1640	RS164 Lap Counter Spare Rx Module.....	46.00	39.99

## TRAXXAS® RADIO ACCESSORIES



2075

Take full control of your TQ™-3 radio system with the 3-channel **Receiver** (2215)! Requires crystal (sold separately). **Servos** include: a high-torque servo for the T-Maxx®/E-Maxx® (2055), a waterproof high-torque servo for the T-Maxx (2056) and a waterproof digital high-torque servo for the E-Revo and Slash® (2075).

TRAL2215	2215 3-Channel Receiver T-Maxx.....	30.00	26.99
TRAM2026	2056 Servo High Torque Waterproof E-Maxx ✓	34.00	27.99
TRAM2055	2055 Servo High Torque.....	28.00	24.99
TRAM2075	2075 Digital High Torque Servo.....	46.00	39.99

## UPGRADE RADIO SKINS

UPG3105

Give your Futaba® 3PK, 3PKS or 4PK transmitter stylish, eye-catching looks with these pre-cut, self-adhesive radio skins! Choose from **Carbon** (UPG3105, UPG3165), **Flame Red** (UPG3106), **Flame Blue** (UPG3107), **Carbon Red Hyper Flames** (UPG3166), **Carbon Blue Hyper Flames** (UPG3167, UPG3172) and **R/C Ink** (UPG3170, UPG3175).



UPGM3105	UPG3105 Futaba 3PK Carbon.....	29.99	26.99
UPGM3106	UPG3106 Futaba 3PK Flame Red.....	29.99	26.99
UPGM3107	UPG3107 Futaba 3PK Flame Blue.....	29.99	26.99
UPGM3165	UPG3165 Futaba 4PK Carbon.....	29.99	26.99
UPGM3166	UPG3166 Futaba 4PK Hyper Flames w/Carbon Red.....	29.99	26.99
UPGM3167	UPG3167 Futaba 4PK Hyper Flames w/Carbon Blue.....	29.99	26.99
UPGM3170	UPG3170 Futaba 4PK R/C Ink.....	29.99	26.99
UPGM3172	UPG3172 Futaba 3PK Hyper Flames w/Carbon Blue.....	29.99	26.99
UPGM3175	UPG3175 Futaba 3PK R/C Ink.....	29.99	26.99





## BUILDING ON INNOVATION!

You can see the urge to innovate in every product in the Hitec line. And it's why Hitec has been able to keep its products — and customers — on the cutting edge of high performance for over 20 years. Highlights include: high-voltage (SH and TH) digitals capable of handling the power of a 7.4V LiPo pack; twisted wire leads to prevent RF feedback; standard metal horns on high-powered servos; universal "S" connectors; advanced gear materials with four times (Karbonite), 40 times (steel) and 48X (titanium) more strength than nylon, servos with patented AGT (Advanced Gear Train Technology) that allows gears to slip instead of strip; and G2 digital servos (79\*\* series numbers) with programmable overload protection and twice the resolution of first-generation digital servos. Hitec also offers three effective tools for programming and testing digitals: the stand-alone HFP-20, the PC-based HPP-21 and the HPP-21 Plus, which can be used at the field or with a PC!



HFP-20 Servo Programmer/Tester

HS-7955 TG  
V2 High  
Resolution HT  
Titanium



HS-65HB  
Micro  
Servo U



HS-82MG  
Micro  
Metal  
Gear



HS-311  
Standard U



# GET WHAT YOU WANT. GET HITEC.

### Description key:

AGT = Advanced Gear  
Train Technology  
BB = Ball Bearing  
CR = Continuous Rotation

HB = Karbonite Gears,  
Ball Bearing  
HD = Karbonite Gears  
HS = High Speed  
HSR = High-Speed Robot  
HT = High Torque

MG = Metal Gears  
SG = Steel Gears  
SH/TH = High-Voltage  
S/U = Universal Connector  
TG = Titanium Gears

### STANDARD

HRCM1312	HS-311 Standard U .....	✓	\$8.99
HRCM1328	HS-322HD Dlx Karbonite Gear Std U .....	✓	9.99
HRCM3326	HS-325HB Std Karbonite Gear BB U .....	✓	12.99
HRCM1028	HS-422 Deluxe U .....	✓	12.49
HRCM1038	HS-425BB Standard Deluxe BB U .....	✓	14.99
HRCM3485	HS-485HB Deluxe .....	✓	16.99

### MICRO & MINI

HRCM0987	HS-45 Feather Premium HS/HT .....	✓	21.99
HRCM0985	HS-50 Feather Ultra Micro .....	✓	20.99
HRCM0982	HS-55 Economy Sub Micro .....	✓	13.99
HRCM1351	HS-56HB Karbonite Gear Sub Micro U .....	✓	24.99
HRCM1352	HS-56HB Micro U .....	✓	25.99
HRCM1353	HS-65MG Micro U .....	✓	35.99
HRCM3402	HS-81 Micro U .....	✓	16.49
HRCM3282	HS-82MG Micro Metal Gear .....	✓	21.99
HRCM3412	HS-85BB Micro BB HS/HT U .....	✓	23.49
HRCM3415	HS-85MG Micro BB HS/HT U .....	✓	30.99
HRCM3128	HS-125MG 2BB Wing U .....	✓	34.99
HRCM3124	HS-225BB Mighty Mini BB U .....	✓	20.99
HRCM3127	HS-225MG Mighty Mini BB MG U .....	✓	29.99
HRCM5045	HS-5045HB Digital KG AGTT Sub .....	✓	29.99

### GIANT SCALE

HRCM1315	HS-755MG Giant Scale MG 2BB .....	✓	39.99
HRCM1371	HS-755HB 1/4 Karbonite Gear U .....	✓	27.99

### GIANT SCALE (Cont.)

HRCM1083	HS-805BB Mega 1/4 Scale 2BB U .....	✓	\$39.99
HRCM1086	HS-805MG Metal Gear Analog .....	✓	59.99

### HIGH PERFORMANCE

HRCM0627	HS-625MG High-Speed 2BB MG .....	✓	35.99
HRCM1360	HS-635HB High-Torque KG U .....	✓	27.99
HRCM0927	HS-645MG High-Torque 2BB MG .....	✓	35.99
HRCM1035	HS-965MG Coreless Ultra Speed HD MG .....	✓	69.99
HRCM1085	HS-985MG Coreless Ultra Torque HD MG .....	✓	69.99

### PREMIUM DIGITAL

HRCM5055	HS-5055MG Digital MG Sub Micro .....	✓	26.99
HRCM5056	HS-5056MG Digital BB MG Sub Micro .....	✓	42.99
HRCM5055	HS-5065MG Dig Micro BB MG Universal .....	✓	46.99
HRCM5083	HS-5083MG Digital Micro Gyro .....	✓	54.99
HRCM5085	HS-5085MG Dig Mighty Micro BB MG .....	✓	46.99
HRCM1029	HS-5125 Super Thin U .....	✓	61.99
HRCM1044	HS-5245 Mighty Mini 2BB MG U .....	✓	49.99
HRCM5485	HS-5485HB Standard KG Digital BB .....	✓	24.99
HRCM0625	HS-5625MG High-Speed 2BB MG .....	✓	54.99
HRCM0645	HS-5645MG High-Torque 2BB MG .....	✓	54.99
HRCM4645	HS-5745MG Giant Scale 3BB U .....	✓	69.99
HRCM3565	HS-5965MG HS Digital Coreless 2BB .....	✓	89.99
HRCM4635	HS-6635HB Digital Std HT Karbonite BB .....	✓	47.99
HRCM4665	HS-6965HB Coreless 2BB HS U .....	✓	84.99

### PREMIUM DIGITAL (Cont.)

HRCM7940	HS-7940TH HS Ti Gear Dig Dual BB ...	✓	\$149.99
HRCM7950	HS-7950TH Mega Torq Ti Gear Dig Dual BB	✓	149.99
HRCM7954	HS-7954SH High Volt Ultra Torq Dual BB	✓	104.99
HRCM7955	HS-7955TG V2 Dig High Resolution HT TG	✓	119.99
HRCM7965	HS-7965MG V2 Dig High Resolution HS MG	✓	94.99
HRCM7966	HS-7966HB V2 Dig High Resolution HS KG	✓	89.99
HRCM7975	HS-7975HB V2 Dig High Resolution HS KG	✓	89.99
HRCM7985	HS-7985MG V2 Dig High Resolution HT MG	✓	94.99

### SPECIALTY

HRCM1098	HS-77BB Low Profile BB U .....	✓	25.99
HRCM1008	HS-75 Retract BB .....	✓	29.99
HRCM3765	HS-765HB Sail Arm U .....	✓	39.99
HRCM3785	HS-785HB Sail Winch U .....	✓	49.99
HRCM3183	HS-815BB Mega Sail Arm U .....	✓	44.99
HRCM1039	HS-1425CR Continuous Rotation Dual BB	✓	16.49
HRCM5084	HS-5084 Digital Tail Rotor Servo/Gyro	✓	54.99
HRCM5980	HSR-5980SG Digital Robot .....	✓	109.99
HRCM5990	HSR-5990TG Digital Robot .....	✓	124.99

### SERVO PROGRAMMERS & TESTER

HRCM4420	HPP-21 Digital Servo Programmer .....	✓	26.99
HRCM4421	HPP-21 Plus Digital Servo Programmer	✓	49.99
HRCM4430	HFP-20 Servo Programmer/Tester .....	✓	139.99



## 2.4GHz AFHSS RADIO ACCESSORIES



Spectra 2.4GHz Module/Optima 7-Channel Rx

## RADIO ACCESSORIES



Optima 9 9-Channel 2.4GHz Receiver

A Spectra 2.4GHz module and an Optima 2.4GHz receiver is the affordable way to convert any module-based Optic 6, Eclipse 7 or Prism 7 system to a Hitec AFHSS (Adaptive Frequency Hopping Spread Spectrum) system. AFHSS Technology includes the selectable Smart Scan feature, which automatically selects the most interference-free channels. It also includes the exclusive BODA (Boosted Omni Directional Antenna), which matches or equals the reception of dual antenna systems. Other dependability features include built-in low-battery and out-of-range warnings, a range check mode, fail-safe/hold function and a one-button binding system. The **Spectra 2.4GHz module** and all three **Optima Receiver** are available separately, or in module/receiver sets. Sets with one receiver (HRCL4600, 4700 and 4900) or two receivers (HRCL4605, 4705 and 4905) are available.

HRCL4500	Spectra 2.4GHz Module.....	\$69.99
HRCL4600	Spectra 2.4GHz Module/Optima 6Ch 2.4GHz Rx...	99.99
HRCL4605	Spectra 2.4GHz Module & 2-Optima 6Ch 2.4GHz ..	114.99
HRCL4700	Spectra 2.4GHz Module/Optima 7Ch 2.4GHz Rx...	109.99
HRCL4705	Spectra 2.4GHz Module/2-Optima 7Ch 2.4GHz ..	129.99
HRCL4900	Spectra 2.4GHz Module/Optima 9Ch 2.4GHz Rx...	154.99
HRCL4905	Spectra 2.4GHz Module/2-Optima 9Ch 2.4GHz ..	199.99
HRCL6000	Optima 6 - 6-Channel 2.4GHz Receiver .....	49.99
HRCL7000	Optima 7 - 7-Channel 2.4GHz Receiver .....	69.99
HRCL9000	Optima 9 - 9-Channel 2.4GHz Receiver .....	99.99

## FLIGHT PACKS

Why buy a radio for each model? Buy an economical Hitec flight pack instead, and make a single system do the work of two, three, four or more! All flight packs include application-specific servos, plus an "Auto Shift" FM receiver that can be used with any modern transmitter. Most also include Auto Gain Control, which locks onto your transmitter's signal with greater accuracy than ever before. The **Universal Pack II** also adds a rechargeable 4-cell receiver pack and a switch harness with charge plug. All require crystal.



Micro Pack Micro 05S/3 HS-55 Servos



Standard Heli Gyro Pack

HRCM3875	Micro Pack Micro 05S/3 HS-55 Servos .....	✓	\$57.99
HRCM3880	Mini Pack Mini 6S/3 HS-81 Servos .....	✓	66.99
HRCM3881	Mini Micro Pack Mini 6S/3 HS-55 Servos .....	✓	63.99
HRCM3884	Universal Pack II Supreme II/4 HS-425BBs ..	✓	99.99

HRCM3891	Neutron 6S Pack Rx/3 HS81 Servos .....	✓	\$82.99
HRCM3895	Neutron 6S Pack Rx/3 HS55 Servos .....	✓	84.99
HRCM4105	Standard Heli Gyro Pack .....	✓	179.99

## RECEIVERS & CRYSTALS

Advanced assembly, affordable prices and a 2-year warranty make Hitec Receivers a great buy for any budget. **Surface** receivers include 2-channel **HP-2RNB AM**, the synthesized, 3-channel **DX FM** and 3-channel, extra-narrow band **HFS-03MT FM**. All **Flight** receivers (except the 7-channel **HPD-07RH**) include Auto Shift, which enables them to adapt to any modern FM system and Automatic Gain Control, which helps them discriminate between signals from two transmitters — even if they're broadcasting on the same channel. **Fusion 9** and **Freedom 9S** are dual-conversion, synthesized, receivers which puts all 72MHz channels at your command. All (except synthesized Fusion, Freedom and DX) require **Crystal**, available separately.



Supreme IIS 8-Channel FM DC Receiver



72MHz AM/FM DC Receiver Crystal

HRCL1200	HP-2RNB 2-Channel BEC Rx 75MHz AM .....	✓	\$19.99
HRCL1912	HFS-03MT 3-Channel FM SC Rx 75MHz .....	✓	24.99
HRCL1520	DX 3Ch 75MHz Single Conv Synthesized FM ..	✓	67.99
HRCL4300	HFS-05MS 5-Channel SC Micro Receiver .....	✓	22.99
HRCL1654	Mini 6S 6-Channel FM Autoshift SC Rx .....	✓	19.99
HRCL1653	Electron 6-Channel FM Receiver JR/Air Z .....	✓	43.99
HRCL1972	Neutron 6S Dual Conversion Autoshift Rx .....	✓	45.99
HRCL1372	HPD-07RH 7-Channel PCM Receiver .....	✓	94.99

HRCL1650	Supreme IIS 8Ch FM Autoshift DC Rx .....	✓	\$39.99
HRCL2072	Fusion 9 9-Channel FM Synthesized Rx .....	✓	69.99
HRCL1572	Freedom 9S Synth 9Ch Dual Conv Autoshift ..	✓	59.99
HRCL23**	Rx Crystal 72MHz AM/FM Single Conversion ..	✓	7.59
HRCL01**	Receiver Crystal AM/FM Dual Conversion ..	✓	7.59
HRCL29**	75MHz FM Single Conversion Rx Crystal .....	✓	7.59
HRCL09**	75MHz FM DC Receiver Crystal .....	✓	7.59



Micro 05S 5-Channel Micro Receiver

## ACCESSORIES

At Hitec, economy and quality go hand-in-hand with a generous 2-year warranty. The **Spectra Synthesized Tx Module** gives owners of Prism, Optic and Eclipse systems the ability to fly on any "free" 72MHz channel without changing a crystal. The innovative design of **Twisted** aileron extensions (HRCM4609-4704) prevent RF noise from becoming interference problems. They also feature heavier-gauge wire for handling high-current applications. **Metal Servo Horns** for splined servos are made from blue-anodized aluminum for super strength and lightness. Available with one arm (HRCM5701) or two (HRCM5702).



Standard Metal Horn 3/4" Single Sided



6" Y-Harness



Spectra Synth Tx Module Eclipse/Optic

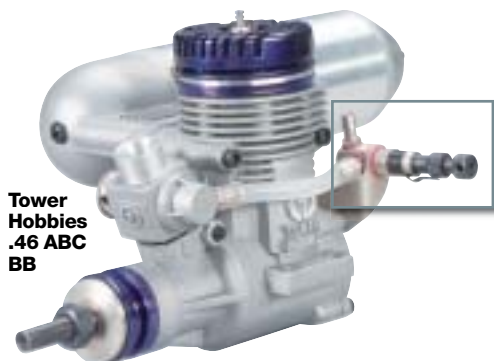
HRCL4400	Spectra Synth Tx Mod Eclipse/Optic .....	✓	\$74.99
HRCM3001	50' 3 Color Servo Wire .....	✓	14.99
HRCM4804	HD Servo Wire 20GA 50' .....	✓	16.79
HRCM4609	Twisted Wire Aileron Extension 6" .....	✓	6.99
HRCM4610	Twisted Wire Aileron Extension 12" .....	✓	7.59
HRCM4611	Twisted Wire Aileron Extension 24" .....	✓	9.69
HRCM4612	Twisted Wire Aileron Extension 36" .....	✓	10.59
HRCM4703	6" Twisted Wire Y Harness .....	✓	10.99
HRCM4704	24" Twisted Wire Y Harness .....	✓	12.99
HRCM4405	Switch Harness w/Charge Conn U .....	✓	9.99

HRCM4407	Switch Harness U .....	✓	\$10.99
HRCM4603	6" Aileron Extension .....	✓	6.29
HRCM4604	12" Aileron Extension .....	✓	6.69
HRCM4605	24" Aileron Extension .....	✓	8.59
HRCM4606	36" Aileron Extension .....	✓	8.59
HRCM7344	Servo Extension 6" .....	✓	5.29
HRCM7345	Servo Extension 12" .....	✓	5.69
HRCM7346	Servo Extension 24" .....	✓	6.69

HRCM7347	Servo Extension 36" .....	✓	\$7.59
HRCM4701	6" Y-Harness .....	✓	9.99
HRCM4702	24" Y-Harness .....	✓	10.99
HRCM5701	Std Metal Horn 3/4" Single Sided .....	✓	7.59
HRCM5702	HD Metal Horn 1" Double Sided .....	✓	10.99



## 1 ENGINE BASICS



Tower Hobbies  
.46 ABC  
BB

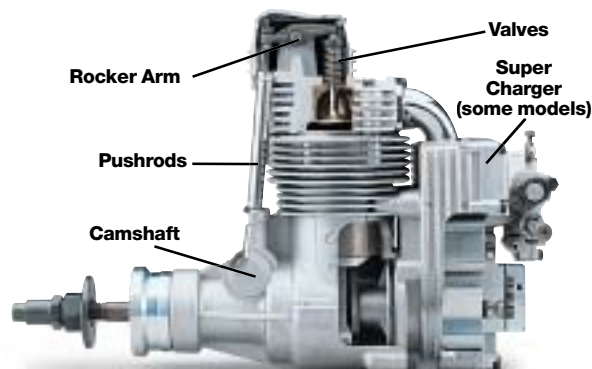
Some engines (like our own Tower Hobbies .46 ABC BB) use a remote needle adjustment to keep your fingers at a safe distance from the spinning propeller.

The engine is the heart of the aircraft. Proper care from the day it is fresh out of the box will ensure that your engine will give you optimum-performance for its entire life.

Model aircraft engines are two- or four-stroke, reciprocating engines. Glow engines use a glow plug instead of a spark plug, points, coil, and magneto are not required, but a special fuel is necessary. Called "model airplane" or "glow fuel," it contains methanol as the base, with varying amounts of nitromethane to increase the energy that fuel can provide. Lubrication is provided by oil mixed with the fuel. Typically, glow engines range in displacement from .049 cu. in. to 2.8 cu. in. (.80cc to 45.9cc). This offers a tremendous selection in aircraft size and performance so that you can get the plane you desire.

The carburetor provides the engine with the proper mixture of fuel and air. You will notice various controls and adjustments, the most prominent is the throttle arm which controls the speed of the engine. It will rotate about 45 to 90 degrees, with the barrel in the carb moving with it. Usually opposite the throttle arm is the high-speed needle valve. This adjusts the high-speed mixture of the engine and allows you to get peak power from the engine while preventing an over-lean condition. Some engines (like our own Tower Hobbies .46 ABC BB) use a remote needle adjustment to keep your fingers at a safe distance from the spinning propeller. The idle mixture screw allows you to adjust the mixture of the engine when it is idling. With high-speed and idle mixtures adjusted, your engine should operate smoothly throughout the entire speed range. The idle speed screw (throttle stop screw) adjusts the amount the throttle barrel is closed when the throttle is fully retarded, and is important in getting proper idle speed.

## 2 ENGINE DEFINITIONS



◆ **ABC/NON-RINGED** (Aluminum piston and Brass cylinder sleeve with Chrome plating.) Unlike ringed engines (those with a piston ring), ABC engines create a compression seal with an extremely tight piston/cylinder fit. While they tend to be harder to turn over by hand and require more careful break-in, ABC engines also offer higher performance and longer life than similar ringed engines. Other non-ringed designs include ABN (Aluminum, Brass and Nickel) and engines with ABL (Advanced Bimetallic Liner), an O.S.® exclusive!

◆ **BB** (Ball Bearings) Indicates an engine crankshaft supported by 2 ball bearings. Bearings reduce friction and wear and promote longer life and smooth operation.

◆ **FOUR-STROKE** While 2-stroke engines produce more rpm and power than comparably sized 4-strokes, 4-strokes offer you better fuel economy, a quieter and more "scale" sound and the torque to swing larger, more aggressive props. The last characteristic makes them ideal for large, slow-flying scale and aerobatic aircraft. Because of their complexity, they generally require more maintenance than 2-strokes.

◆ **RE/SE** (Rear-Exhaust/Side-Exhaust) The choice of an SE or RE engine depends on both the general application and the specific needs of your model.

◆ **C/L, R/C** (Control Line, Radio Control) The biggest difference between these engine types is throttle control. Radio Control engines include a carburetor which allows you to vary engine speed. Control Line engines feature a venturi and run at a constant speed until fuel is exhausted.

## ENGINE MAINTENANCE

### KEEP YOUR ENGINE CLEAN

- ◆ Use a fuel filter. Also, keep your fuel tank, line and jug clean. Dirt getting into the fuel can clog the carburetor, and any abrasive particles can damage parts inside your engine.
- ◆ Dirt on the outside of your engine acts like a blanket of insulation, thus preventing proper cooling.

### DO NOT LET YOUR ENGINE RUN LEAN

- ◆ Keep your engine running on the rich side of the highest RPM setting to ensure proper lubrication.
- ◆ Your engine gets its lubrication from the oil in the fuel. Insufficient lubrication will cause engine parts to run hot and seize. The result could be a broken connecting rod, damaged cylinder or ruined engine.

### USE FUEL WITH THE PROPER NITROMETHANE CONTENT

- ◆ Use fuel with the "nitro" percent recommended by the engine's manufacturer.
- ◆ 10-15% is normal for most engines, and unless your engine is designed for high-nitro fuels, you won't gain much performance above 20-25%.

### USE AN AFTER RUN ENGINE OIL

- ◆ If you let your engine sit after running without doing anything to it, the internal parts will start to rust, especially the steel crankshaft and ball bearings. Rust inside your engine will erode tight tolerances and score polished surfaces.
- ◆ At the end of a day's running, pull the fuel line from the engine. Drain the tank and then start the engine. Let it run until it's dry of fuel. Add several drops of an after-run oil (HCAP3000) into the carburetor, turn the engine over several times by hand to work the oil into the engine's internal parts.

### USE FUEL WITH A PROPER OIL CONTENT

- ◆ Make sure you're using a fuel from a reputable, name-brand manufacturer. Refer to page 219 for TOWER Power Model Engine Fuel.
- ◆ Your fuel should have at least the amount of oil recommended by your engine manufacturer. If the instructions don't specify a recommendation, use a fuel with at least 18% oil content.
- ◆ If you're using a fuel with more than 20% nitromethane, you might want to add some extra oil to your fuel, such as Klotz Techniplate™ (KSFP0100-0200) or Benol™ Castor Oil (KSFP1175). See page 220.

### KEEP YOUR ENGINE DRY

- ◆ Changes in temperature can cause moisture in the air to condense inside your engine. This can happen in the winter as well as the summer, so keep your model where the temperature is fairly constant (such as inside your house).

## 3 ENGINE STARTING PROBLEMS

◆ **Refuses to fire:** Weak or dead battery; bad connector, wires, or burned-out glow plug. Check the circuit, the glow plug should glow bright red/orange. If all above checks out, is the engine getting any fuel?

◆ **Starts, slows down, stops:** Engine is too rich. Close the needle valve and flip prop until engine fires. It should run for a few seconds and die. Repeat a few more times until it won't fire, then re-open needle valve to re-start the engine.

◆ **Engine starts with lots of power and then runs for a few seconds and dies:** Engine is not getting enough fuel; mixture is too lean. Open needle valve slightly and try again. If this problem persists, more may be wrong. Check the carburetor for dirt. If necessary, disassemble and clean it. You could also have pinholes in the fuel line, so check carefully, and replace if necessary. Finally make sure the fuel line is not pinched inside the tank compartment.

◆ **Engine turns hard and does not start:** It's flooded! Close the needle valve and remove the glow plug. Turn the engine upside down to drain the cylinder, rotate the prop also to help remove the excess. Next, replace the plug and try again with the mixture screw leaned out more. An electric starter can help here, but do not apply the starter and crank and crank until the engine starts. Use short "blips" of the starter as this will turn the engine over several times, and help preserve battery life, spinner life, and engine parts. Make sure that you do not prime the engine or choke it too much!

◆ **Engine vibrates:** Prop not balanced, crankshaft not aligned, spinner defective, bearings worn.

## 4 YOU'LL ALSO WANT TO KNOW...

◆ **ABOUT PROPELLERS** Propellers come in many different sizes and shapes. The size of the prop is given in 2 numbers (6 x 3, 10 x 6). The first number is the diameter of the prop in inches. The second number is the pitch or twist of the propeller. The larger the number, the greater the pitch. A prop with a pitch of 4 will move forward 4" when rotated one revolution.

(These are general size suggestions. Refer to engine instructions for the correct size for your engine.)

### 2-Stroke Propeller Chart

Engine Size (cu. in.)	Recommended Prop Sizes	Engine Size (cu. in.)	Recommended Prop Sizes
.020.....	4 1/2 x 2	.45-.50.....	11 x 5, 11 x 6, 10 x 8
.049-.051.....	6 x 3, 6 x 4, 5 x 3	.60-.61.....	11 x 7, 12 x 7, 11 x 8
.09-.10.....	7 x 3, 7 x 4, 7 x 6	.71-.80.....	12 x 4 to 14 x 6
.15.....	8 x 4, 8 x 5, 8 x 6	.90.....	14 x 4, 14 x 6
.19-.25.....	9 x 5, 9 x 6, 8 x 6	1.08.....	15 x 8, 16 x 6
.29.....	10 x 5, 10 x 6, 9 x 7	1.2.....	14 x 6 to 16 x 4
.30-.35.....	10 x 6, 10 x 7, 9 x 7	2.0.....	18 x 6, 20 x 6
.40.....	10 x 6, 10 x 7, 10 x 8	2.4.....	18 x 10 to 22 x 20

### 4-Stroke Propeller Chart

Engine Size (cu. in.)	Recommended Prop Sizes	Engine Size (cu. in.)	Recommended Prop Sizes
.20-.21.....	9 x 6, 10 x 4	.91.....	11 x 10, 12 x 10, 14 x 7
.26.....	9 x 6, 10 x 6	1.2.....	15 x 8, 16 x 6
.40-.45.....	11 x 6, 10 x 8	1.6.....	16 x 8, 18 x 6
.60.....	12 x 6, 13 x 5	2.4.....	18 x 10, 20 x 8
.70.....	11 x 8, 11 x 9, 12 x 8	2.7.....	20 x 8, 20 x 10
		3.0.....	20 x 10

### Glow Plug Chart

Tower Hobbies TOWER Power Glow Plug

Engine:	Temperature:	Recommended Glow Plug:
.10-.21.....	Medium/Hot.....	TOWG1010/OSMG2690
.25-.91.....	Medium.....	TOWG1010/OSMG2691
1.00-up.....	Medium/Cold.....	TOWG1010/OSMG2691/OSMG2993
All 4-Stroke.....	Hot/Hot.....	OSMG2692



### Glow Fuel Chart

For regular flying with .09 and larger 2-stroke engines you can choose from between 0% to 40% nitro-methane. Most fliers use 5% or 10% nitro for everyday use. Many larger engines will tolerate 0% nitro fuel for sport flying with no problems while the high nitro fuels are for competition use.

All APS Engines.....	Hobbico 1/2A 25% Fuel
.10 and up:.....	Tower Hobbies Premium or Sport Fuel
4-Stroke:.....	Tower Hobbies 15% Fuel
Fuji-Imvac.....	Gasoline & Oil Mix
Helicopter Engines.....	Tower Hobbies 15% Heli Fuel

### Fuel Tank Chart

The recommended tank sizes are:

.049:.....	1 ounce
.09-.15:.....	2-4 ounces
.19-.25:.....	4 ounces
.29-.35:.....	6-8 ounces
.40-.45:.....	8-10 ounces
.60:.....	12-16 ounces
Larger than .60	follow kit manufacturer instructions



Great Planes® Fuel Tank

When you receive your new engine, examine it carefully for any obvious defects. Carefully read the manufacturer's operating instructions for recommended break-in procedures. Obtain the recommended fuel, and mount a break-in prop if one is suggested. Otherwise, select a prop in the middle of the range of props suggested in our prop selection chart above. If the manufacturer has suggested a procedure for the proper way to break-in your engine, by all means, use it.

## LOOKING FOR ENGINE PARTS?

If you haven't found the one you need in our catalog, visit [rpartssuperstore.com](http://rpartssuperstore.com) and find your engine's listing. That will pull up listing of all available parts, as well as a picture of each one. That means you can identify your part by name, confirm it by sight and order with confidence!

**Order parts for these top engine brands!**

**O.S. ENGINE®**

**DURATRAX®**

**FUJI-IMVAC™**  
H/C GAS ENGINES

**GMS™**

**Super TIGRE**

## SAVE WITH PARTS EXPRESS

Where you see a product with a green checkmark (✓), you'll know it qualifies for Parts Express Service. If all of your parts qualify, you'll pay only \$4.99 for standard shipping instead of \$9.99 — a savings of \$5.00! Parts Express service uses shipping methods that are reliable, but more economical. They sometimes take a little longer... but since we pass the savings on to you, you save almost 50%! **And remember: parts for Tower Hobbies brand engines always ship free!**

**Only \$4<sup>99</sup>**

For Standard Shipping and Handling!

## GET IT FASTER WITH PRIORITY MAIL!

If you need your Parts fast, try our Priority Mail service. It's \$7.99\* (just \$3.00 more than Parts Express shipping) but gets your parts there by Priority Mail. Larger packages may be shipped by other air carriers, but the cost is the same: just \$7.99. \* Shipments outside the continental United States may be slightly higher.





# ENGINES

## TOWER HOBBIES® ENGINES

**TOP OF THE LINE FEATURES AT TOWER HOBBIES PRICES!**

Do you have to pay top dollar for top performance? At Tower Hobbies, the answer is a resounding "No!"

Our Tower Hobbies engines are bargain-priced, yet feature ABC construction to ensure a superior compression seal and top power. A 1-piece cast aluminum crankcase and CNC-machined tolerances help maintain both over the long haul. And instead of bushings, these engines feature dual *bearings* to support the crankshaft and smoother, low-friction operation. Dual needles for performance tuning are a standard — and the high-speed needle is remote-mounted for easier access and greater safety.

The bored-out **.46 BB ABC** and **.75 BB ABC** offer added displacement and power at a great price.

All engines include a tuned muffler and a generous 2-year limited warranty. And if you're a Super Saver Club Member, we *double* the warranty to 4 years at no extra cost!

All require glow plug.

Muffler  
Assembly  
.46 BB ABC



The .46 Muffler also fits the O.S.® 40SF, 40FX, 46AX, 46FX and 46SF, plus the 55AX.

**DOUBLE  
WARRANTY**  
FOR #1 SUPER SAVER CLUB MEMBERS  
See back cover.

Stock#	Description	Weight w/Muffler	Practical RPM range	HP @ RPM	2 PAY	Tower
TOWG0146	.46 BB ABC	16.9 oz	2,500-16,000	1.75 @ 16,000		\$84.99
TOWG0161	.61 BB ABC	23.8 oz	2,000-17,000	1.9 @ 16,000		89.99
TOWG0175	.75 BB ABC	23 oz	2,000-16,500	2.2 @ 15,600	\$54.99	109.98
TOWG4724	Muffler Assembly .46 BB ABC					14.99
TOWG1010	Tower Power Glow Plug					5.99

ABC = Aluminum, Brass and Chrome BB = Ball Bearing



Our best  
value in  
mid-size  
engines!

### Tower Hobbies Parts Support

NOTE: If you ever need replacement parts for your Tower Hobbies engine, remember: you pay NO shipping and handling charges on orders that include only parts!

## O.S. ENGINE® LA SERIES ENGINES

Why burn daylight fiddling with a finicky motor? Take the easy way out, with an engine that's as powerful and dependable as the day is long: an LA engine from O.S. LA engines are flier favorites because they are easy: easy to afford, easy to run, easy to maintain — and hard to beat for powerful, dependable performance.

That's because O.S. has worked hard to make them that way. With CNC-machined parts, for precise fit and finish. Heavy "webbing" on one-piece crankcases to resist distortion and prevent binding. A tall heat sink head and crankcase fins so LA engines cool better and last longer. And with nylon backplates that include an integral, molded-in fuel inlet and needle-valve holder.

LA-S control-line (C/L) engines add a high-performance venturi that delivers constant speed and consistent, all-out performance. LA R/C engines offer precise, 2-needle carbs for smooth, fine-tuned performance and remote-mounted high-speed needles with O-rings and ratchet springs to hold it longer. Flat prop washers and longer crankshafts ensure positive engagement for prop nuts and spinners.

All include muffler and 2-year limited warranty. All also include a glow plug.



46LA-S C/L ABN

46LA  
ABN

**The easy choice in  
sport performance!**

Stock#	Description	Weight w/o Muffler	Weight w/Muffler	Practical RPM range	HP @ RPM	2 PAY	Tower
OSMG0011	10LA ABN	3.9 oz	5.4 oz	2,500-18,000	0.27 @ 17,000		\$62.99
OSMG0016	15LA ABN	5 oz	6.5 oz	2,500-18,000	0.41 @ 17,000		69.99
OSMG0026	25LA ABN	7 oz	9.5 oz	2,500-16,000	0.6 @ 15,000		74.99
OSMG0047	46LA ABN	9.6 oz	12.5 oz	2,000-16,000	1.2 @ 15,000		79.99
OSMG0066	65LA ABN	18.9 oz	24.1 oz	2,000-16,000	1.7 @ 16,000	\$59.99	119.98
OSMG1426	25LA-S C/L ABN	6.5 oz	8.8 oz	2,000-16,000	0.6 @ 15,000		69.99
OSMG1447	46LA-S C/L ABN	9.3 oz	12.2 oz	2,000-16,000	1.2 @ 15,000		79.99

ABN = Aluminum, Brass & Nickel C/L = Control-Line



## O.S. ENGINE® AX ENGINES

**More Muscle —  
less space!**



**Our most  
popular  
engines ever!**



25AX ABL



46AX ABL



55AX ABL



75AX ABL



120AX Ringed

The 120AX is virtually the same size as the 91AX — but offers 20% more power!



120AX

91

**AX** engines, from the **25AX** up, offer FX power in a more compact form — making them ideal upgrades for airplanes with cramped cowl. You'll also enjoy easy handling, milder sound, and the ability to swing larger props!

The **35AX** drops in where a .25 fits. The **46AX** and **55AX** fit in the footprint of most .40s. The **75AX** is sized right for .60-size installations; the **95AX** has the same bolt pattern of the 75AX, and the **120AX** fits in about the same space as most .91s! Heads are self-leveling and snug down with only four cap screws. Dual bearings, one-piece crankcases and extra-long crankshafts are standard features. And smooth, linear throttle response is a given.

All AX engines include a tapered low-speed needle for no-surge performance and a high-speed needle designed to enhance pilot safety. The high-speed needle on the 46AX is remote-mounted and repositionable, held in a composite housing that prevents heat and vibration from affecting settings. All other AX engines feature a simple, angled high-speed needle for safety, plus a needle valve extension for added ease. O-rings and ratchet springs on all high-speed needles secure settings against "creep."

The 25AX, 46AX, 55AX and 75AX feature the dual-layer durability of ABL (Advanced Bimetallic Liner) construction. All AX engines include a glow plug and 2-year limited warranty, and all except OSMG0651 come with a Power Box™ muffler that significantly reduces noise. The 120AX with muffler (OSMG0650) includes an extension and a 90° adapter for added installation options.



95AX  
Ringed



Stock #	Description	Weight w/o Muffler	Weight w/Muffler	Practical RPM Range	HP @ RPM	3 PAY	Tower
OSMG0527	25AX ABL	9.7 oz	12.6 oz	2,500-17,000	0.8 @ 15,000	\$46.66	\$139.98
OSMG0545	35AX ABL	9.9 oz	12.8 oz	2,500-17,000	1.3 @ 16,000		139.99
OSMG0547	46AX ABL	13.2 oz	17.2 oz	2,000-17,000	1.66 @ 16,000	43.33	129.99
OSMG0556	55AX ABL	14.3 oz	18.5 oz	2,000-17,000	1.75 @ 16,000	53.33	159.99
OSMG0575	75AX ABL	20.4 oz	26.5 oz	2,000-16,000	2.4 @ 15,000	73.33	219.99
OSMG0580	95AX Ringed	20.0 oz	26.3 oz	2,000-16,000	2.9 @ 15,000		279.99
OSMG0650	120AX Ringed	22.8 oz	29.0 oz*	1,800-9,500	3.1 @ 9,000	89.99	269.97
OSMG0651	120AX Ringed w/o Muffler	22.8 oz	—	1,800-9,500	3.1 @ 9,000	79.99	239.97

ABL = Advanced Bimetallic Liner \* Weight does not include 90° adapter or extension.



# ENGINES

## O.S. ENGINE®

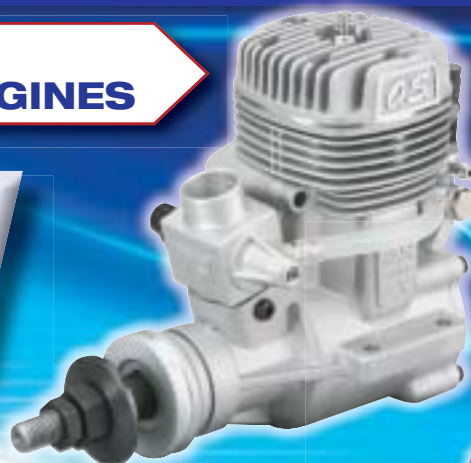
## FX ENGINES

O.S. "X" Series engines feature dual bearings for durability and smooth operation, plus a low crankcase profile that allows for a proportionately taller, semi-squared head — a refinement that increases cooling fin area and improves heat dispersion. Plus, you'll never worry about losing a prop during flight — the threaded portion of FX crankshafts is extra-long to promote better engagement of the prop, nut and spinner and greater flight safety.

The high-speed needle valve on every "X" engine is mounted remotely for added protection. An O-ring and ratchet spring minimize "creep" due to air leaks and vibration. Needle valves on the **61FX** and **91FX** can be positioned horizontally or vertically. The high-speed needle on the **160FX** can be mounted horizontally, vertically, or separate from the engine, allowing even more installation options. All include glow plug and a 2-year limited warranty.



#1 in performance engines!



91FX Ringed



61FX ABL

**X-tra performance power for sport and competition!**

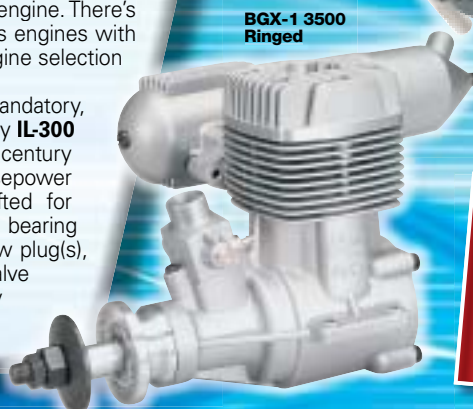
Stock#	Description	Weight w/o Muffler	Weight w/Muffler	Practical RPM range	HP @ RPM	3 PAY	Tower
OSMG0561	61FX ABL	19.4 oz	23.6 oz	2,000-17,000	1.9 @ 16,000	\$59.99	\$179.97
OSMG0591	91FX Ringed	19.4 oz	24.3 oz	2,000-16,000	2.8 @ 15,000	79.99	239.97
OSMG0660	160FX Ringed	32.8 oz	42.5 oz	1,800-10,000	3.7 @ 9000	99.99	299.97
OSMG0661	160FX Ringed w/o Muffler	32.8 oz	n/a	1,800-10,000	3.7 @ 9000	93.33	279.99

## SPECIALTY ENGINES

At O.S., specialty engines are just that: a specialty. There are ducted fan engines for jets, a car-inspired engine for R/C combat and pylon racing and a next-generation version of the world's only rotary R/C engine. There's a giant-scale engine that offers the power of some 41cc gas engines with a pound less penalty weight and, last but not least, a six-engine selection of multi-cylinder engines for scale.

When "Golden Era" looks and rich, realistic sound are mandatory, O.S. Multi-Cylinders are the only choice. The 70th anniversary **IL-300 Dia-Star** is a superb replica of the "in-line fours" used over a century ago. The **FT-160** is a compact twin that produces 2 horsepower at peak. Like all other O.S. multi-cylinders, they're crafted for the connoisseur and built to last with ringed pistons, ball bearing supported cam and crankshafts and more. All include F glow plug(s), cables for remote starting, headers\*, engine mount, choke valve extension, valve gauge/tool set, locking prop nut assembly and a 2-year limited warranty.

\*Except IL300 Dia-Star



BGX-1 3500 Ringed



FT-160 Twin Ringed

**Extraordinary Engines for out-of-the-ordinary applications**

Stock#	Description	Weight w/o Muffler	Practical RPM Range	HP @ RPM	3 PAY	Tower
OSMG0352	BGX-1 3500 Ringed	47.3 oz	1,500-10,000	4.1 @ 10,000	\$126.66	\$379.98
OSMG0715	15CV-A ABN	5.9 oz	2,500-19,000	0.5 @ 18,000	59.99	119.98
OSMG1160	FT-160 Ringed	38.8 oz	2,000-10,000	2.0 @ 10,000		799.99
OSMG1250	FT-300 Gemini Twin Ringed	64.5 oz	1,800-9,000	4 @ 7,000		999.99
OSMG1300	FRS-300 Sirius 5-Cylinder Ringed	94.2 oz	1,800-8,500	4 @ 8,500		2299.99
OSMG1320	FF-320 Pegasus 4-Cylinder Ringed	77.3 oz	1,800-8,500	4.1 @ 8,000		1499.99
OSMG1330	IL-300 Dia-Star 4-Cylinder 4-Stroke Ringed	82 oz	1,800-8,000			1799.99
OSMG1401	Rotary Engine 49-PI II	11.8 oz	2,500-18,000	1.27 @ 17,000	149.99	449.97
OSMG1847	46VX-DF ABC Ducted Fan	16.6 oz	2,500-28,000	2.5 @ 23,000		299.97
OSMG1891	91VR-DF ABC Small Head Ducted Fan	23.4 oz	2,500-25,000	4.8 @ 22,000		329.97

ABC = Aluminum, Brass & Chrome; ABN = Aluminum, Brass & Nickel

**The highest achievement of O.S. Engines' manufacturing expertise.**



## 4-STROKE ENGINES

*Building the 4-Stroke  
of the future,  
one engine at a time!*

56FS-a  
Ringed

FS-91S II Ringed



The highest  
quality in  
4-stroke  
engines!

FS-120S III  
w/Pump  
Ringed

FS-81S-a  
Ringed

Surpass engines don't just deliver power — they offer legendary O.S. longevity and durability, unmatched by any other 4-strokes.

Shared features throughout the line include a helical gear-driven camshaft up front and a reliable updraft carb in the rear. Generous intake valves and CNC-machined parts add superior fit, power and compression. Rugged ringed pistons and ball bearing-supported crankshafts contribute smooth, trouble-free operation. Most Surpass engines also include rubber-sealed ball bearings, a reversible carb for easy installations and corrosion-resistant plating on the crankshaft, camshaft and piston.

The **56FS-a**, **81FS-a**, **72FS-a** and **110FS-a** all go even further. They have a unique lubrication system that avoids using a crankcase vent. An extended carb intake eliminates blow-back while improving air flow and

air/fuel mixing. An O-ringed exhaust outlet minimizes oil leaks and allows the muffler to be rotated, angled, and moved in or out to fit your needs. Stronger conrod, wristpin and valve assemblies contribute to long, trouble-free operation.

At 32.4 cc (1.97 cu. in.), the **FS-200S** has the longest stroke and largest displacement of any O.S. 4-stroke ever made. It's a great alternative to 1.60 2-strokes, a great upgrade from 1.20 4-strokes and a great choice for sport or scale applications. It includes a header pipe, plus a sleek muffler that lets you adjust angle and exhaust position. Other Pumped engines — the **FS-91 II P** and **FS-120 III P** — put the performance consistency of a built-in regulating pump at your command.

All include glow plug, muffler and a 2-year limited warranty.

Stock #	Description	Weight w/o Muffler	Weight w/Muffler	Practical RPM Range	HP @ RPM	3 PAY	Tower
OSMG0830	FS-30S Ringed	9.8 oz	10.4 oz	2,500-13,000	0.5 @ 10,000	\$56.66	\$169.98
OSMG0845	FS-40S Ringed	12.5 oz	13.3 oz	2,200-12,000	0.65 @ 12,000	73.33	219.99
OSMG0877	72FS-a Ringed	16.8 oz	18.7 oz	2,400-12,500	1.2 @ 11,000	116.66	349.98
OSMG0890	FS-91S II P Ringed	22.9 oz	24.6 oz	2,000-11,000	1.6 @ 11,000	123.33	369.99
OSMG0896	FS-91S II Ringed	22.6 oz	24.2 oz	2,000-12,000	1.6 @ 11,000	99.99	299.97
OSMG0930	FS-120S-E Ringed	30.5 oz	33.3 oz	2,000-11,000	1.9 @ 11,000	126.66	379.98
OSMG0935	FS-120S III P Ringed	32.5 oz	35.3 oz	2,000-12,000	2.1 @ 12,000	139.99	419.97
OSMG0956	56FS-a Ringed	14.8 oz	16.3 oz	2,400-13,000	1.0 @ 10,000	94.99	284.97
OSMG0979	FS-200S-P Ringed	30.9 oz	34.9 oz	1,800-10,000	3.0 @ 9,000	199.99	599.97
OSMG0980	FS-200S Ringed	32.8 oz	34.2 oz	1,800-10,000	2.9 @ 9,000	149.99	449.97
OSMG0981	81FS-a Ringed	N/A	19.6 oz	2,200-12,000	1.3 @ 11,000	113.33	339.99
OSMG0990	110FS-a Ringed	19.2 oz	21.5 oz	2,000-11,000	1.8 @ 10,000	133.33	399.99

ABN = Aluminum, Brass & Nickel; FS = 4-Stroke; P = Pumped; S = Surpass™

### Benefits of 4-Stroke Engines

- ✓ High torque for spinning bigger props.
- ✓ Quieter, more realistic airplane sound.
- ✓ Generous with power— stingy with fuel.



## O.S. ENGINE®

## CAR & TRUCK ENGINES



21VZ-B  
(P)-T  
V-Spec



18TZ  
(P)-T ABC



12TG (P) ABL



15CV-X

### Best in the long run...

O.S. has spent over 70 years learning exactly what drivers want. Winning power for buggies, truggies, touring and trucks. Ball bearings to smooth away drag and friction. Turbo models for world-class racing. Recoil-started models for ease and economy. Reliability down the line. And more.

Yet despite being built on an unmatched foundation of experience, O.S. engines still undergo an additional two years of testing and refinement.

You can't ask for more than that! Give your vehicle the best: O.S.

### Engines for sport and club racing

Affordable **CV** and **CV-R** engines prove that limited mounting space is no barrier to increasing power. And the rear exhaust **12TG** is simply revolutionary. Designed for club racing, it features an easy-to-break-in ABL liner, uses low-cost standard plugs — and gets 14 minutes of run time per tank. Fewer pits means more shots at first place!

Designed for easy, no-mod retrofits in Traxxas® T-Maxx® and Revo® monsters, rear-exhaust **21TM** engines let you upgrade power, but keep the original clutch assembly and EZ-START® convenience. Both include an LC3 plug and model-specific manifold.

With their near-perfect balance of bore and stroke, **21VG™** and **30VG™** engines can deliver both speed and power, making them ideal for buggies, truggies and trucks. Upgrade your RTR by dropping in a 30VG — and watch it blow away common .21s and .25s! Both VG engines are available in effortless ES (Electric Start) versions.

Increased low- to mid-range torque give the **12XZ** an edge in 1/10 scale touring and off-road action. Drive an 1/8 scale truggy? Install a **28XZ** and you're ready for top-level racing.

### ABC engines for all-out competition

Designed for touring dominance, **18TZ Turbo** engines feature a square design that boosts bottom-end torque, top-end speeds and your ability to excel on any track. All include a medium-heat P6 plug and a 2-piece turbo head for optimum burn and power. For outlaw power, go with the **18TZ** — the first small-block to shatter the 2 hp barrier!

Created for top-level 1/8 scale racing, **21VZ** engines feature 2-piece turbo heads and plugs, hardened chrome liners, high-silicon steel pistons, integral pilot shafts and 3-needle, slide-valve carbs for smooth, linear throttle action on any track. The 7-port **21VZ-R (P)-T Ver 2** offers the same power to on-road competitors and includes a P7 plug.

The off-road **21VZ-B (P)-T V-Spec** features a super-hot P3 plug for better burn and 8 and 9 mm carb restrictors for additional track-tuning power. Hand-selected pistons and liners provide an optimal fit in the **21VZ-B V-Spec Pro Modified**, while a tungsten-weighted crankshaft improves balance at high rpm. Special tweaks by Atsushi Hara helped the **21VZ-B V-Spec II World Edition** take back-to-back wins at the 2006 and 2008 IFMAR Championship...an accomplishment recognized by its commemorative packaging.

All engines require tuned pipe or muffler; most also require manifold. See [www.towerhobbies.com](http://www.towerhobbies.com) for additional requirements. Note: The O.S. 2-year limited warranty does not apply to 18TZ, 21VZ or O.S. Speed Tuned engines.





*The "ABCs" of power  
for trucks, buggies and  
touring cars!*



*1/10 and 1/8 scale  
power, priced right.*



28XZ (P)-T ABC



30VG (P) ES  
ABL

18CV-RX ABC



## Legend:

ABC = Aluminum, Brass and Chrome;  
ABL = Advanced Bimetallic Liner;  
AL = Aluminum;  
ES = Electric Start;  
T = Turbo;  
Ver 2 = Version 2

## Carb Key:

Rotary, Single-Needle: 11J, 20P  
Rotary, Dual-Needle: 10E, 11L, 12E  
Rotary, Triple-Needle: 11M  
Slide Valve, Single-Needle: 21E  
Slide Valve, Dual-Needle: 10C,  
11H/HB, 11G, 12D, 20E, 21F  
Slide Valve, Triple-Needle:  
11K/11K-R, 20K, 21C, 21H, 21J

## Easy Reference:

[S] = Short Shaft  
(For Associated vehicles)  
(P) = Pilot Shaft/SG Crank  
X = Recoil Starter  
R = Racing Version  
T = Turbo Head  
T3 = Turbo head, 3 ports  
T5 = Turbo head, 5 ports

Stock #	Description	Carb	Weight	Practical RPM Range	HP @ RPM	Tower
OSMG1986	12TG (P) ABL	12D	7.5 oz	5,000-30,000	0.7 @ 28,000	<b>3 PAY \$56.66</b> \$169.98
OSMG1990	12XZ (P) Speed ABC	12FB	8.1 oz	5,000-44,000	1.75 @ 35,000	449.99
OSMG1993	12XZ ABC	12F	8.3 oz	5,000-40,000	1.65 @ 34,000	279.99
OSMG2034	15CV-X ABC	10E	9.3 oz	3,000-30,000	0.68 @ 29,000	<b>2 PAY \$49.99</b> 99.98
OSMG2067	21VZ-B V-Spec Pro Modified	21JS	12.7 oz	3,000-40,000	2.48 @ 33,000	399.99
OSMG2068	21VZ-B (P)-T V-Spec ABC	21J	12.7 oz	3,000-40,000	2.48 @ 33,000	299.99
OSMG2070	21VZ-B V-Spec II World Ed.	21JS	12.3 oz	3,000-40,000	2.5 @ 34,000	529.99
OSMG2072	21VZ-R (P)-T Ver. 2 ABC	20K	11.1 oz	3,000-42,000	2.5 @ 34,000	319.98
OSMG2073	21VG (P) ES ABL	21F	15 oz	3,000-36,000	2.0 @ 30,000	179.99
OSMG2074	28XZ (P)-T ABC	21J	13.3 oz	4,000-38,000	3.3 @ 32,000	<b>3 PAY \$109.99</b> 329.97
OSMG2075	30VG (P) ABL	21E	12.7 oz	4,000-36,000	3.0 @ 28,000	<b>3 PAY \$73.33</b> 219.99
OSMG2078	30VG (P) ES ABL	21E	12.7 oz	4,000-36,000	3.0 @ 28,000	<b>3 PAY \$83.33</b> 249.99
OSMG2082	21TM ABC Revo®	11K-R	8.6 oz	3,000-35,000	1.8 @ 29,000	<b>3 PAY \$99.99</b> 299.97
OSMG2083	21TM ABC T-Maxx®	11K	8.6 oz	3,000-35,000	1.8 @ 29,000	<b>3 PAY \$99.99</b> 299.97
OSMG2102	18CV-RX ABC	11G	10.4 oz	3,000-32,000	1.35 @ 28,000	129.99
OSMG2104	18CV-RX ABC	11J	10.4 oz	3,000-32,000	1.35 @ 28,000	129.99
OSMG2105	18CV-RX (S) ABC	11J	10.4 oz	3,000-32,000	1.35 @ 28,000	129.99
OSMG2110	18TZ (P)-T ABC	11K	7.8 oz	3,000-34,000	1.8 @ 29,000	149.99
OSMG2113	18TZ-X T ABC	11L	9.3 oz	3,000-34,000	1.8 @ 29,000	179.99



# ENGINES

# O.S. ENGINE®

## HELICOPTER ENGINES

Top pilots agree: the **91HZ** ranks as the smoothest and most powerful O.S. .91 ever. Built on the success of the 91 SZ-H, the 91HZ's improved balance results in less noise and longer life. Intake timing has been extended into the crankcase itself for greater power. An insulator ring on the 3-needle 61B carb, and heat sinks on the head and backplate help defeat heat and improve performance. With its PD-08 fuel pump and regulator, the **91HZ-PS** is the perfect power plant for 3D, delivering the consistent high-end power needed for executing extreme maneuvers. And there are two other .91 choices: the **91RZ-H** with a machined head and the **91RZ-H DH** with a flat, die-cast head.

The **37SZ-H** fits in a .32 space, but delivers 16% more power for 3D aerobatics. The **50SX-H Hyper**, with its big-bore 60LH carb, works for size 50 helis. And with the compact **70SZ-H**, .60-size helis have what it takes for all-out 3D fun and serious F3C competition. Its three-needle carb and push-pull throttle arm offer exceptional throttle response. And since it operates in the same rpm range as most .60s, gearing changes are minimal and drop-in installations are the rule. All engines include a glow plug and a 2-year limited warranty. All require a header and muffler or tuned pipe.



37SZ-H  
Ringed



Our best  
value in  
helicopter  
engines!

*The Power to  
take on the  
Worlds!*

50 SX-H  
Ringed  
Hyper



Stock #	Description	Weight w/o Muffler	Practical RPM Range	HP @ RPM	3 PAY	Tower
OSMG1945	37SZ-H Ringed	10.3 oz	2,000-21,000	1.4 @ 18,000	\$53.33	\$159.99
OSMG1951	50SX-H Ringed Hyper	14.3 oz	2,000-20,000	1.9 @ 17,000	59.99	179.97
OSMG1972	70SZ-H Ringed	19.5 oz	2,000-18,000	2.5 @ 16,000	99.99	299.97
OSMG1975	91HZ F3C Ringed	21.8 oz	2,000-16,000	3.4 @ 15,000	133.33	399.99
OSMG1976	91HZ-PS 3D Ringed	22.4 oz	2,000-16,000	3.4 @ 15,000		449.97
OSMG1978	91RZ-H RE Ringed	21.8 oz	2,000-16,000	3.3 @ 15,000	108.32	324.96
OSMG1979	91RZ-H DH RE Ringed	21.9 oz	2,000-16,000	3.3 @ 15,000	99.99	299.97

ABN = Aluminum, Brass and Nickel; DH = Die-cast Head; RZ = Rear Exhaust; SX/SZ = Side Exhaust; X = Recoil Starter

## MARINE ENGINES

For rapid response and lasting dependability, call in the marines from O.S. Shared strengths include true ABC construction, compact, water-cooled heads and dual crankshaft bearings. The **18CV-RMX** also includes a recoil starters for added ease. Designed for high-nitro racing, the **21VZ-MT** features a 2-piece turbo head, competition porting, big-bore 21D carb and a water intake mounted directly over the heart of the heat: the glow plug. The **21XM** is a complete outboard package, with a carbon prop, factory-installed, tiltable mount, muffler and outdrive unit. All others require mount, header and muffler or tuned pipe. The 46VX-M also requires a glow plug.

Stock #	Description	Practical Weight	RPM Range	HP @ RPM	3 PAY	Tower
OSMG1611	18CV-RMX ABC	8.2 oz	3,000-32,000	1.35 @ 28,000	\$56.66	\$169.98
OSMG1627	21VZ-M T ABC	12.0 oz	3,000-40,000	2.5 @ 33,000	104.99	314.97
OSMG1647	46VX-M ABC	15.7 oz	2,500-28,000	2.5 @ 23,000		249.99
OSMG1721	21XM ABN Outboard	23.6 oz	3,000-25,000	1.3 @ 25,000		324.99

Legend: ABC = Aluminum, Brass & Chrome; ABN = Aluminum, Brass & Nickel; M = Marine; T = Turbo; X = Recoil Started



21XM ABN  
Outboard

NOTE: Due to their high-performance nature, the 21XM and 46VX-M are not covered under the O.S. 2-year warranty.



**SS .21**

**From the creator of O'Donnell Fuels!**

It was designed from scratch by a racing legend — and combines state-of-the-art engineering, materials and manufacturing into a top-drawer engine for top-level 1/8 scale racing. A reliance on aluminum in the carb, conrod and machined "Big Head" heat sink maximizes its power-to-weight edge, and the 4-port ABC liner, aluminum crankcase and piston have been optimized for uniform expansion to improve durability and dependability. The crankshaft is balanced and supported by Class 5 bearings and the slide-valve carb features a hard-anodized barrel, double O-rings on both needles and a thermal sleeve to promote easy restarts and prevent vapor lock. A unique, 4-spring header attachment requires less space but provides better "hold." Includes an O'Donnell #99 performance plug, plus 7mm and 8mm carb restrictors. Requires header and tuned pipe.

Stock #	Description	Practical Weight	RPM Range	HP @ RPM	3 PAY	Tower
ODOG5010	SS .21	13.0 oz	3,000-42,000	2.7 @ 36,000	\$76.66	\$229.98





## Super Tigre ENGINES



GS-40 Ringed



.18 Inboard Marine ABC

*Classic performance favorites — today's best values!*



G-75 Ringed



G-90 Ringed



Note: Due to its high-performance application, the .18 Inboard Marine has a 90-day limited warranty.



G-2300 Ringed

Hassle-free starts. Easy adjustments. Longevity. Durability. Reliability. POWER. All of these, at a surprisingly affordable price, make SuperTigre one of the best engine values available today. Features found throughout the aircraft engine lineup include dual bearings; webbed, one-piece crankcases; thermally treated steel liners; cast heads that cut weight and cool better; and bolt-through mufflers that adjust for easy installation.

R/C versions have 2-needle rotary carbs for easy adjustment and tuning. C/L versions feature a fuel-efficient venturi with an extra-long needle. Giant-scale engines are TST-Schnuerle-ported for optimum aeration. All (except **GS-40** and **G-3250**) include a glow plug, and all (except G-3250) include muffler.

Upgrade the stock engine in your .15-.18 size RTR boat with the **.18 Inboard Marine** — a simple, drop-in replacement for most models that instantly boosts speed, reliability and operating ease. Its Super Start backplate accepts the optional AquaCraft™ 12V Super Start for quick starts without belts or recoil ropes (a standard backplate requiring starting belt is also included). Other features include a water-cooled aluminum head, 2-needle rotary carburetor, sealed front bearing and Hot #4 glow plug.

Stock #	Description	Weight w/Muffler	Practical RPM Range	HP @ RPM	Tower
SUPG0105	G-34 Ringed	12.8 oz	2,500-17,000	0.98 @ 16,500	\$74.99
SUPG0122	GS-40 Ringed	19.1 oz	3,000-17,000	1.15 @ 15,500	59.99
SUPG0150	GS-45 ABC	18.5 oz	2,500-16,000	1.45 @ 16,000	74.99
SUPG0154	GS-51 Ringed	18.4 oz	2,500-15,500	1.5 @ 15,500	84.99
SUPG0161	GS-61 Ringed	26.8 oz	2,500-16,500	1.75 @ 16,000	99.98
SUPG0181	GS-61 ABC	26.7 oz	2,500-16,500	1.85 @ 16,500	2 PAY \$49.99 109.98
SUPG0205	G-75 Ringed	27.0 oz	2,500-16,000	2.18 @ 15,600	2 PAY \$59.99 119.98
SUPG0235	G-90 Ringed	27.0 oz	2,500-16,000	2.5 @ 14,800	3 PAY \$43.33 129.99
SUPG0805	G-34 Ringed C/L	12.7 oz	2,500-17,000	0.98 @ 16,500	69.99
SUPG0829	G-51 Ringed C/L	16.2 oz	2,000-12,000	0.95 @ 12,000	84.99
SUPG0248	G-2300 Ringed	38.0 oz	2,000-12,600	3.7 @ 12,600	139.99
SUPG0268	G-3250 Ringed	43 oz	2,000-9,000	3.2 @ 7,700	199.99
SUPG0718	.18 Inboard Marine ABC	8.9 oz*	6,500-32,000	2.2hp @ 31,000	99.99

ABC = Aluminum, Brass and Chrome; C/L = Control Line; \* Weight shown without muffler.



# ENGINES



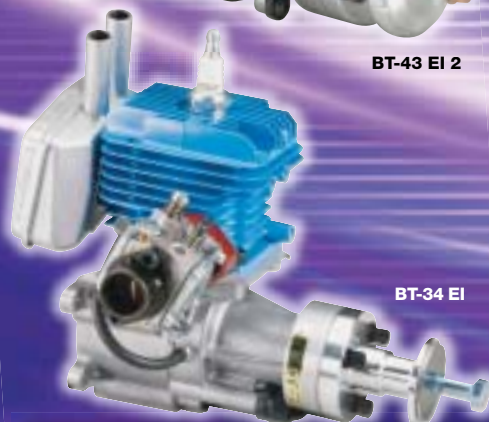
## GASOLINE ENGINES



**All engines protected by 3-year limited warranty!**



**BT-43 EI 2**



**BT-34 EI**



**BT-64A ATM**

**M**ake no compromises — with Fuji-Imvac gasoline engines, you can have high performance **AND** easy starts! A compact control box on EI (Electronic Ignition) engines turns the power of a required 4.8V NiCd into a 20,000V spark that reduces the rpm needed for a clean start. A lightweight sensor automatically adjusts engine timing to rpm — a function duplicated on other Fuji-Imvac engines by the shaft-mounted ATM™ (Automatic Timing Module), which creates the ignition spark with a one-piece CDI (Capacitive Discharge Ignition) system.

To take the giant-scale performance and ease even further, Fuji-Imvac engines include: short, direct throttle linkages for sharp response; compact mufflers that preserve scale looks; Walbro® carburetion for dead-on control and long life; and dynamically balanced flywheels, hubs and crankshafts to reduce vibration and airframe stress.

Flight engines range from the **BT-24** to the **BT-86Twin**, a 2-cylinder monster with compression relief valves and an overflow valve that prevents fuel build-up during idling. For noise-sensitive areas or high-torque applications, there are **BF-25F** and **BF-34F** 4-strokes. They offer incredible fuel economy and a slower, more powerful stroke — ideal for scale-like speeds.

All EI engines require a 4.8V receiver pack.

### More outstanding features from Fuji-Imvac

- **Chrome-plated cylinder for longer wear and better compression**
- **CNC-machined parts for precision fit and better performance**
- **Ball bearing-supported crankshafts**
- **Heat-resistant paint on cylinder heads**
- **Champion RCJ6Y spark plug, muffler and engine mount**

Stock #	Description	Displacement (cc/ci)	Weight w/Muffler	Practical RPM Range	HP @ RPM	3 PAY	Tower
FJIG0024	BT-24A ATM	24 / 1.46	3.4 lb	1,200-10,000	2.2 @ 10,000	<del>\$99.99</del>	<del>\$299.97</del>
FJIG0034	BT-34B ATM	34 / 1.95	4.1 lb	1,200-10,000	3.2 @ 11,000	<del>\$133.33</del>	<del>\$399.99</del>
FJIG0047	BT-50SB ATM	46.5 / 2.85	4.8 lb	1,200-9,000	5.2 @ 9,000	<del>\$139.99</del>	<del>\$419.97</del>
FJIG0064	BT-64A ATM	63.1 / 3.85	5.0 lb	1,200-9,000	5.7 @ 9,000	<del>\$149.99</del>	<del>\$449.97</del>
FJIG0086	BT-86 Twin ATM	86 / 5.2	7.1 lb	1,200-8,500	7.0 @ 8,500		<del>\$799.99</del>
FJIG0125	BT-24 EI	24 / 1.46	3.2 lb	1,200-11,000	2.2 @ 10,000	<del>\$126.66</del>	<del>\$379.98</del>
FJIG0134	BT-34 EI	34 / 1.95	3.9 lb	1,200-10,000	3.2 @ 11,000	<del>\$159.99</del>	<del>\$479.97</del>
FJIG0144	BT-43 EI 2	43 / 2.6	4.0 lb	1,000-11,000	4.2 @ 11,000	<del>\$149.99</del>	<del>\$449.97</del>
FJIG0087	BT-50 EI	46.5 / 3	4.8 lb	1,100-9,000	5.2 @ 9,000	<del>\$166.66</del>	<del>\$499.98</del>
FJIG0088	BT-64 EI	63.1 / 3.85	5.3 lb	1,100-9,000	5.7 @ 9,000	<del>\$183.33</del>	<del>\$549.99</del>
FJIG0089	BT-86 EI Twin	86 / 5.2	7.5 lb	1,100-8,500	7.5 @ 8,500		<del>\$899.99</del>
FJIG0225	BF-25F EI 4-Stroke	25 / 1.5	4.7 lb	1,400-9,000	1.6 @ 7,500	<del>\$191.66</del>	<del>\$574.98</del>
FJIG0234	BF-34F EI 4-Stroke	34.0 / 2.1	5.9 lb	1,000-7,500	2.0 @ 7,500		<del>\$674.99</del>

Fuji-Imvac is not related to the original Fuji Engines sold by Mecca.

## DLE GASOLINE ENGINES

**O**ne of the biggest obstacles to flying big planes is the big price of gasoline engines — and that's exactly the barrier that DLE has set out to break down.

By making its gasoline engines unexpectedly affordable, DLE has attracted its share of skeptics. But they've always been won over quickly by the engines' high quality and exceptional performance.

Both the **55cc** and **111cc** are 2-cycle, air-cooled engines that include automatic advancing electronic ignition systems, pump carburetors with manual choke, and exhaust. Eager to experience the thrill of flying a big bird that needs big power? DLE is committed to making it happen!

**DLE-55cc**



**Rocking the world of gas engines with high quality and low prices!**

Stock #	Description	Displacement (cc/ci)	Weight w/Muffler	HP @ RPM	3 PAY	Tower
DLEG0055	DLE-55cc	55.6 / 3.4	3.4 lb	5.5 @ 7,500	<del>\$136.66</del>	<del>\$409.98</del>
DLEG0111	DLE-111cc	111.2 / 6.8	6.3 lb	11.0 @ 7,500		<del>\$729.99</del>

**DLE-111cc**



## GMS™ ENGINES

■ Priced for the budget, protected by a 2-year limited warranty!

■ 7 displacements and 2 carb options for each!

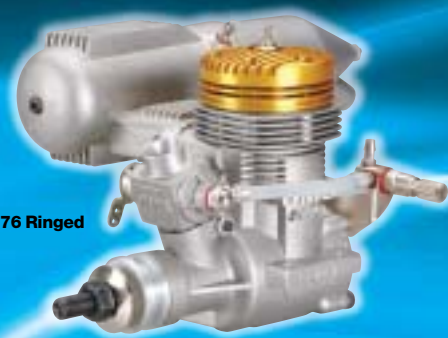
.32 ABC



.47 ABC



.76 Ringed



GMS offers front- and remote-mounted needle valve models of all 7 side-exhaust engines it makes, and for one very good reason: no two pilots are exactly alike. Flier A may appreciate the familiarity of the traditional front-mounted needle valve, while Flier B wants the added engine protection and pilot safety that a rear-mounted needle valve represents. But while pilot preferences in carbs may differ, all pilots will appreciate the solid quality and value that GMS engines offer.

All GMS engines are assembled from CNC-machined parts, with distortion-resistant, 1-piece cast crankcases and lightweight, machined

aluminum heads gold-anodized for extra good looks. Other common features include dual ball bearing-supported crankshafts, tools, easy-to-adjust two-needle carbs and 2-year warranty protection. Engines .47-size and smaller offer the performance edge of true ABC construction. Engines .61-size and larger feature ringed-piston designs for added durability and longer engine life. All (except 1.20 models) also include a bolt-through muffler and repositionable exhaust outlet for installation ease. All engines require glow plug.

Stock #	Description	Weight*	Practical		HP @ RPM	2 PAY	Tower
			RPM Range				
GMEG1025	.25 ABC	10.9 oz	2,400-19,000		0.85 @ 18,000		\$59.99
GMEG1032	.32 ABC	10.8 oz	2,000-20,000		1.2 @ 18,000		62.99
GMEG1040	.40 ABC	16.9 oz	2,000-16,000		1.25 @ 15,000		64.99
GMEG1047	.47 ABC	16.8 oz	2,000-16,000		1.47 @ 15,000		69.99
GMEG1061	.61 Ringed	25.9 oz	2,000-13,000		2.0 @ 15,000		89.99
GMEG1076	.76 Ringed	19.4 oz	2,000-13,000		2.5 @ 15,000	\$49.99	99.98
GMEG1120	1.20 Ringed	26.5 oz	1,800-14,000		3.3 @ 13,000		139.99

\*All weights are WITH muffler except 1.20, as it does not include one.

### With Remote Needle Valve

Stock #	Description	Weight*	Practical		HP @ RPM	2 PAY	Tower
			RPM Range				
GMEG1125	.25 ABC	10.9 oz	2,400-19,000		0.85 @ 18,000		\$59.99
GMEG1132	.32 ABC	10.8 oz	2,000-20,000		1.2 @ 18,000		64.99
GMEG1140	.40 ABC	16.9 oz	2,000-16,000		1.25 @ 15,000		64.99
GMEG1147	.47 ABC	16.7 oz	2,000-16,000		1.47 @ 16,000		74.99
GMEG1161	.61 Ringed	26 oz	2,000-13,000		2.0 @ 15,000		89.99
GMEG1176	.76 Ringed	19.4 oz	2,000-13,000		2.5 @ 15,000	\$49.99	99.98
GMEG1220	1.20 Ringed	31 oz	1,800-14,000		3.3 @ 13,000		139.99

### FOX CONTROL LINE ENGINES

Sturdy and American-made, Fox engines offer today's modelers the best in dependable power. Choose from the .35 C/L Stunt (35015) — a performance standout or over 50 years — or enjoy the .35 C/L Ceramic (35016), which is 300 – 500 rpms faster and 9% lighter. Both include carb, muffler and glow plug.

35015



	RETAIL	TOWER
FOXG0835 35015 .35 C/L Stunt w/Muffler.....	98.95	69.99
FOXG0836 35016 .35 C/L Ceramic w/Muffler.....	225.00	124.99

### RB PRODUCTS ENGINES

The first thing you'll notice about RB engines are the eye-catching orange aluminum cooling heads. The second thing you'll notice is how their explosive acceleration and performance leaves the competition in the dust! **TM523 Engine/Exhaust Kits** (E0 numbers) for the Traxxas® Revo® and T-Maxx® arrive ready for bolt-on installation of the EZ-Start™ system, while the **Hobby 9.21** is ideal for sport or competition off-roading. All engines and kits include an ABC engine with pre-installed mount, slide-valve carb, an orange aluminum header and tuned pipe.

E019015230000R



	RETAIL	TOWER
RBDG0270 E019015230000R TM523 Engine/Exhaust Kit Recoil.....	380.14	309.99
RBDG0280 E019015230000T TM523 Engine/Exhaust Kit T-Maxx.....	378.10	319.99
RBDG0340 01009-H9 Hobby 9.21 (3.48cc).....	291.94	249.99

### TRAXXAS® TRX® 3.3 RACING ENGINES

TRX 3.3 racing engines use a modified crankcase engineered with high-tech porting and cooling refinements to boost power output. External dimensions allow it to fit in the same space as a TRX 2.5 or 2.6R. An impact-resistant head protects from rollovers and is secured to the Power Tune™ head with screws. Both 3.3s feature a free-flowing rear exhaust, unique composite slide-valve carb and innovative porting. Both the **IPS** and **Multi-Shaft** versions can be modified for EZ-Start™ use.

5407



	RETAIL	TOWER
TRAG5407 5407 TRX 3.3 IPS Shaft w/Recoil.....	220.00	152.99
TRAG5409 5409 TRX 3.3 Multi Shaft w/Recoil.....	220.00	152.99

### HPI RACING® ABC ENGINES

The **Nitro Star K4.6** (15201) is a great choice for Savage™ trucks with multi-speed transmissions — and it's Roto Start™-compatible, too! Features include 2.9 hp delivery and a purple anodized aluminum heat sink head. First found on the Savage XL, the rear exhaust **K5.9** delivers 3.8 hp — that's a lot of low-end torque! It includes a 12-fin aluminum heat sink head, a 3-needle slide valve carb and an aluminum 3-shoe clutch. **T-15** (15101) for the Nitro 3 Evo delivers 1.2 hp of power and features a dual-needle rotary carb and pull-start. All require glow plug, muffler or tuned pipe and manifold.



15250

	RETAIL	TOWER
HPIG1501 15201 Nitro Star K4.6 Engine w/Pull Start.....	309.00	199.99
HPIG5101 15101 Nitro Star T-15 Engine w/Pull Start.....	110.00	79.99
HPIG5250 15250 K5.9 Engine.....	339.00	229.99

### TAMIYA 1/8 SCALE NITRO ENGINES

Designed for TNX-series monster trucks, the **FS-18SR** features aggressive porting that makes it the performance rival of many .21-sized engines. Includes a dual-needle, slide-valve carb and a 12mm race-inspired crankshaft. Requires electric starter. The **FS-18LT** features an anodized blue aluminum heat sink head and cooling fan as well as a manifold and electric starter. Both require muffler.

8085091



	RETAIL	TOWER
TAMC3797 7604017 FS-18SR Engine w/o Starter.....	175.00	145.99
TAMG5091 8085091 FS-18LT Engine.....	230.00	172.99

### VENOM™ 4.5 KWA MARINE ENGINE

Launch your King of Shaves C1 Gas RTR to speeds of 53 mph or more with this 4.5 hp, 26cc hop-up! It features a low-volume, high-performance crankcase, which increases fuel transfer for maximum power and efficiency. Other standard highlights include a vibration-dampening engine mount, a VAlbro® carb and a high-flow water jacket with dual water fittings to maximize cooling.

1827



	RETAIL	TOWER
VNRG1827 1827 26cc 4.5 KWA Marine Engine.....	459.99	269.99



# ENGINE ACCESSORIES

**DURATRAX**

**FLASHPOINT**

## INFRARED TEMPERATURE GAUGE



**It's fast, easy, accurate — and may help prevent costly damage!**

With FlashPoint, you don't have to *touch* a surface to find out how hot it is: just point, push a button and read the results in Fahrenheit or Celsius one second later. Its advanced infrared sensor ensures accurate readings from -27 to +428° F (-33 to +220° C), which makes it ideal for use on engines, sealing irons, motors, batteries and more. At 0.7" x 1.5" x 2.7" and 1.1 oz., it's easy to take along and use anywhere. Includes wrist strap, replaceable lithium battery and a 15-second auto-off timer.

Stock #	Description	Retail	Tower
DTXP3100	FlashPoint Infrared Temperature Gauge .....	\$37.99	\$24.99

**GREAT PLANES**  
MODEL MANUFACTURING COMPANY

## ADJUSTABLE ENGINE MOUNTS

Made of fiberglass-reinforced nylon for durable support and vibration dampening, these versatile mounts offer exact fits for virtually any 2-4-stroke, .20-1.80 engine! All (except GPMG1101) feature holes for landing gear on both axes, which gives you the option to mount your engine upright, inverted, or on its side. All include mount halves; instructions; template; and self-tapping screws for attachment. Mounting screws for firewall required.



Stock #	Description	Retail	Tower
GPMG1041	Adjustable Engine Mount .20-.48 .....	\$4.99	\$3.99
GPMG1061	Adjustable Engine Mount .40-.70 .....	5.99	4.49
GPMG1091	Adjustable Engine Mount .60-1.20 .....	6.99	5.99
GPMG1101	Adjustable Engine Mount 1.20-1.80 .....	11.99	8.99

## HOBBIKO® EXHAUST DEFLECTORS

- The easy way to avoid after-flight clean-up.
- Lightweight, inexpensive and easy to install.

With a few minutes and a Hobbico Exhaust Deflector, you can save yourself hours of unnecessary clean-up work down the line. These heat-resistant silicone pipes feature a 45° bend that diverts exhaust gasses out and away from your plane's finish. They eliminate the need for clean-up after each flight, save you time and money and attach in just minutes with the included tie wraps. Available in three sizes.



Stock #	Description	Retail	Tower
HCAP2150	Exhaust Deflector .20-.34 .....	\$4.49	\$2.99
HCAP2175	Exhaust Deflector .35-.90 .....	4.49	2.99
HCAP2180	Exhaust Deflector .60-2.7 .....	4.49	3.49

## DURATRAX® GLOW PLUGS

There's a DuraTrax glow plug for all 2-stroke engines, including the **LR3** for Traxxas' 2.5 and .15 engines and others that require a long-reach plug. Like all DuraTrax Glow Plugs, they're hand-assembled for quality and made with heat-resistant, solid metal coils. Other choices include hot **Silver Sport** for low-nitro fuels, cold **Gold Racing** plug for hot competition and high-nitro fuels and medium **Carbon Speed** for informal racing and sport fun!

Stock #	Description	Retail	Tower
DTXG3001	Silver Sport Glow Plug .....	\$11.99	\$4.99
DTXG3003	Carbon Speed Glow Plug .....	12.99	5.99
DTXG3005	Gold Racing Glow Plug .....	17.99	7.49
DTXG3010	LR3 T-Maxx Glow Plug Hot .....	11.99	4.99



## DURATRAX® AIR FILTER OIL

Work into foam air filter elements to improve crud-catching power and extend engine life. Handy 1.75 fl. oz. bottle holds enough for scores of applications and fits easily in a tool box or tote!



Stock #	Description	Tower
DTXC2465	Air Filter Oil .....	\$4.99

## HOBBIKO® AFTER RUN ENGINE OIL

After running your 2- or 4-stroke engine, take a second to put After-Run Engine Oil into its carburetor — that's a quick, easy way to prevent varnish or gum build-up and protect bearings and internal parts from rust and corrosion.



Stock #	Description	Tower
HCAP3000	After Run Engine Oil 2oz. ....	\$2.49

**GREAT PLANES**  
MODEL MANUFACTURING COMPANY

## GASOLINE ENGINE ACCESSORIES

Birch/ply **Large Engine Isolation Mount** securely holds most gasoline engines. Includes rubber bushings and hardware. Machined aluminum **Velocity Stack** "rams" air into large-scale engine carbs for more efficiency. Works with most Walbro carbs; includes bolts and lock washers. **Engine Kill Switch** is the IMAA/AMA-legal way to "kill" a gas engine! Sets up for either manual or servo-operated use. Includes switch plate for fuselage exterior.



Stock #	Description	Retail	Tower
GPMG2000	Large Engine Isolation Mount .....	\$11.99	\$8.99
GPMG2100	Velocity Stack 25-41 .....	14.99	9.99
GPMG2150	Engine Kill Switch .....	9.99	8.99

## ElectriFly™ HYPERFLOW™ EP DUCTED FAN

- The most advanced ducted fan unit ever developed!

Designed by an aerospace engineer utilizing state-of-the-art computer modeling and flow analysis, the HyperFlow system produces an amazing 8.5 oz. of static thrust at 29,000 rpm on 11.1V and 1250mAh — and even more when coupled with a LiPo battery and brushless motor. Available with or without a 370 brushed motor, it's an awesome upgrade for boosting your electric plane's performance!



Stock #	Description	Retail	Tower
GPMG3910	Hyperflow 370 EP Ducted Fan w/o Motor .....	\$29.99	\$21.99
GPMG3911	Hyperflow 370 EP Ducted Fan w/Motor .....	39.99	32.99



## GLOW PLUGS



Developed for the harshest racing environments, patented O'Donnell plugs use the highest quality materials for top performance in your car, airplane, helicopter, or boat. In addition to lasting longer than typical glow plugs, they provide quicker starts, superior idling, better acceleration, and improved engine tuning. See the listings below for an O'Donnell plug that's perfectly suited for your needs, including the **#88** medium/cold and **#89** cold plugs for boats, and hot 4-strokes for any type of model!

Stock #	Description	Tower
ODOG0077	#77 Medium	✓ \$3.99
ODOG0099	#99 Medium/Cold	✓ 4.49
ODOG0200	#100 Medium	✓ 4.49
ODOG0202	#102 Medium	✓ 4.49
ODOG0301	Red Sport Medium/Hot	✓ 3.49
ODOG0302	Purple Sport Medium	✓ 3.99
ODOG0303	Blue Sport Cold	✓ 3.99
ODOG0309	OD-9 Glow Plug Med	✓ 5.99

Stock #	Description	Tower
ODOG0477	#77T Turbo Medium	✓ \$4.49
ODOG0497	#97T Turbo Medium	✓ 4.99
ODOG0499	#99T Turbo Med/Cold	✓ 5.99
ODOG0547	#47 Medium/Hot	✓ 6.99
ODOG0548	#47OS Medium/Hot	✓ 7.99
ODOG0880	#88 Medium/Cold	✓ 5.99
ODOG0890	#89 Cold	✓ 5.99

## O'DONNELL® TGX-1 TEMPERATURE GAUGE W/STOPWATCH

It's an engine temperature monitor and stopwatch...the only 2-in-1 tool with a backlit LCD, a "Maximum Temperature" mode and the O'Coner sensor shield to ensure it always reads temperatures at the glow plug. Includes belt pouch and lithium battery.



Stock #	Description	Tower
ODOP9000	TGX-1 Temperature Gauge w/Stopwatch	✓ \$39.99

## O.S.® 4-STROKE VALVE ADJUSTMENT KIT

Keeping your 4-stroke tuned up is easy with this compact collection of tools. In addition to 0.4mm and 0.10mm feeler gauges, it also includes a 1.5mm hex key and a 5mm wrench. A hard-plastic case keeps all tools together and ready for instant use.



Stock #	Description	Tower
OSMG6334	4-Stroke Valve Adjustment Kit	✓ \$9.99

## SUPERTIGRE® GLOW PLUGS



**Sport Medium** is the ideal medium-heat plug for everyday sport use. **#4 Hot** is designed especially for boating applications and conditions.

Stock #	Description	Tower
SUPG1200	Medium	✓ \$3.99
SUPG1201	#4 Hot .18 Marine	✓ 4.49



## MUFFLER ASSEMBLIES

Keep the noise down (and the field open) with these inexpensive replacement mufflers. Lightweight aluminum construction minimizes weight considerations. A hex nut makes the exhaust port repositionable for easier installations. Both fit the Tower Hobbies engines they're named for, but the **.46 BB ABC** is also a good fit for the O.S.® .46 FX, .46 SF, and .55 AX, and Thunder Tiger's .40 and .46. Both require gasket and mounting hardware.



Stock #	Description	Retail	Tower
TOWG4724	Muffler Assembly .46 BB ABC	\$17.99	✓ \$14.99
TOWG4727	Muffler Assembly .61/.75 BB ABC	21.99	✓ 18.99

## O.S. ENGINE® GLOW PLUGS

The only plugs tough enough to take the **HEAT!**



O.S. glow plugs feature solid platinum-alloy coils that hold heat without idle bars, reducing meltdowns and heat-related failures. In addition to the medium-heat **Type F** plug for 4-strokes, O.S. offers a wide range of 2-stroke plugs. The long-reach, hot **LC3** and medium **LC4** are ideal for the Traxxas® T-Maxx® and Revo®. The hot **#6** offers the longest life of any sport aircraft plug, while the **#7** offers stable idling, huge throttle punch and broad peak needle settings in planes, helis and cars. Sport and competitive fliers alike favor the medium **#8**, which also excels in .12-.21 car/buggy engines. Plugs for on-road engines with 2-piece turbo heads include the cold **RP8** and **RP7** and medium **RP6**. Plugs for .18-.28 off-road engines include the ultra-hot **P3**, super-hot **P4** and very hot **P5**. Great for aircraft engines of .60-size and up, the durable, cold **#10** stays lit on-throttle and off. Choose the cold **R5** for leaner needle settings and high-nitro/high-rpm scale racing. See the list below — and keep a range on hand to fine-tune glow heat for maximum performance under any conditions!

Stock #	Description	Tower
OSMG2699	P3 Turbo Ultra Hot	✓ \$8.99
OSMG2700	LC3 Long Reach	
	T-Maxx/Revo Hot	✓ 5.49
OSMG2703	RP6 Turbo On-Rd Med	✓ 11.99
OSMG2704	RP7 Turbo On-Rd Cold	✓ 12.99
OSMG2708	LC4 Long Reach	
	T-Maxx/Revo Med	✓ 5.49
OSMG2711	P5 Turbo Off-Rd Very Hot	✓ 7.49
OSMG2713	#7 Medium Hot	✓ 6.99

## TOWER HOBBIES® TOWER POWER™ GLOW PLUG

Ideal for engines .15-size and up. Features a thick, solid platinum alloy coil that resists heat-related failures, a highly conductive nickel-plated top post, an all-metal body and strong, strip-resistant threads.



Stock #	Description	Tower
TOWG1010	TOWER Power Glow Plug	✓ \$5.99



# ENGINE ACCESSORIES

## AXIAL RACING ENGINE ACCESSORIES

**Easy Start Back Plate** (AX20002) bolts directly onto Axial .28/.32, HPI® K4.6 and K4.6 HO engines to allow the use of any currently available electric starting system. **Bump Start Back Plate** (AX0091) allows you to use a starter box with Axial .28, HPI K4.6 and K4.6 HO engines. Heavy plastic **Pull Start Assembly** (AX012) for Axial .28/.32 engines features a "T" handle for comfortable, easy grips. Also available: durable aluminum **Fuel Filters** (AX0500-0504) in four colors.

		RETAIL	TOWER
AXIG0012	AX012 28/32 Engine Pull Start Assembly	15.50	14.49
AXIG0091	AX0091 Bump Start Back Plate .28	20.00	17.99
AXIG0500	AX0500 Fuel Filter Green	10.00	9.39
AXIG0501	AX0501 Fuel Filter Blue	10.00	9.39
AXIG0502	AX0502 Fuel Filter Purple	10.00	9.39
AXIG0504	AX0504 Fuel Filter Black	10.00	9.39
AXIG2002	AX20002 Easy Start Back Plate .28/.32	24.99	22.49

## BISSON PITTS MUFFLERS

These Pitts-style mufflers reduce dB readings like higher-priced specials, yet sound lower in pitch and intensity, allowing the engine to run up to 5% faster. Ideal for many popular brands (including O.S., SuperTigre® and Fuji-Imvac), they route exhaust gases through the bottom of the cowl to preserve scale looks and reduce finish maintenance. Aluminum parts and 100% welded construction add lightweight dependability to low cost; Bisson seals the deal with a unique 1-year warranty.

Fuji-Imvac is not related to the original Fuji Engines sold by Mecca.

BISG1120	11120 1.20 Pitts Muffler GMS	55.00	45.99
BISG1147	11147 .47 Pitts Muffler GMS	40.00	34.99
BISG1161	11161 .61 Pitts Muffler GMS	48.00	39.99
BISG1176	11176 .76 Pitts Muffler GMS	51.00	42.99
BISG1180	01180 Moki 1.8 Pitts	61.00	49.99
BISG2140	02140 SuperTigre .40 GS Pitts	40.00	34.99
BISG2161	02161 SuperTigre .61 Pitts	48.00	39.99
BISG2175	02175 SuperTigre .75-.90 Pitts	51.00	42.99
BISG2230	02230 SuperTigre G2300 Pitts	61.00	49.99
BISG2300	02300 SuperTigre 2500/3000 Pitts	61.00	49.99
BISG4040	04040 O.S. .40 FP/LA Pitts Muffler	40.00	34.99
BISG4046	04046 O.S. .46 SF/FX 50 SX Pitts	40.00	34.99
BISG4061	04061 O.S. .61 SF/FX Pitts	48.00	39.99
BISG4091	04091 O.S. .91 FX Pitts	51.00	42.99
BISG4093	4093 Inverted Muffler O.S. .91 FX	52.00	43.99
BISG4108	04108 O.S. 1.08 Pitts	54.00	44.99
BISG4116	04116 O.S. 1.60 FX Pitts	61.00	49.99
BISG4120	4120 1.20 AX Pitts Muffler	56.00	46.99
BISG4220	04220 O.S. 2.20 BGX 3500 Pitts	67.00	55.99
BISG6542	6542 Wrap Around Muffler Fuji Imvac 43	105.00	87.99
BISG6543	6543 Inverted Muffler Fuji Imvac 43	76.00	63.99
BISG6552	6552 Wrap Around Muffler Fuji Imvac 50SA	105.00	87.99
BISG6562	6562 Wrap Around Muffler Fuji Imvac 64	120.00	99.99

## BRU-LINE® AIR CLEANERS

• **The inexpensive "Clean Air Act" for your engine!**

• **Foam filters tailored to your flying field.**

When you stretch-fit an inexpensive Bru-Line Air Cleaner over your carb, you stretch your engine's life as well. Both Air Cleaners fit most engines, and feature removable foam filters designed to remove damaging airborne debris. Available in #102 **Coarse Air Cleaner** (for grassy fields) and #202 **Fine Air Cleaner** for dirt- or sand-based fields. **Replacement Filters** available.

BRUG3102	102 Coarse Air Cleaner	3.99	3.79
BRUG3104	104 Coarse Filter (2)	2.79	2.69
BRUG3202	202 Fine Air Cleaner	3.99	3.79
BRUG3204	204 Fine Filter (2)	2.79	2.69

## DAVE BROWN ENGINE MOUNTS

• **Alignment guides and mounting screws for firewall mounting included.**

Made of "glass-filled" nylon for lightweight strength, Dave Brown Engine Mounts absorb crash energy so your engine doesn't have to. All mounts include alignment guides, parallel mounting beams and mounting screws.

D AVG3015	1519 15-.19 Mount	4.00	3.89
D AVG3025	2025 20-.25 Mount	4.00	3.89
D AVG3045	4045 40-.45 Mount	4.50	4.29
D AVG3050	4650 46-.50 Mount	4.50	4.29
D AVG3070	6070 60-.70 Mount	5.25	4.99
D AVG3190	9004 90 FS/DF Mount	7.50	7.19
D AVG3220	1202 1.20 FS Mount	7.50	7.19

## DAVIS MODEL PRODUCTS HEAVY-DUTY CON ROD



Designed for Traxxas® 2.5 and 3.3 engines, this heavy-duty con rod is constructed of 2024 T4 aircraft alloy – and it's double bronze-bushed, too! It makes your engine virtually bulletproof by stabilizing idle, improving overall performance and promoting longer piston/cylinder life. Oil holes on each end aid in bearing surface lubrication.

DDDG1000	TRXRD Heavy Duty Rod Traxxas 2.5/3.3	44.95	38.99
----------	--------------------------------------	-------	-------

## DU-BRO® SUPER SMOKER



Compact enough to mount anywhere, the Super Smoker provides a positive, no-leak shut-off valve. Includes 34" of neoprene tubing and mounting hardware. Fuel valve use requires extra servo; smoker valve use requires servo and extra fuel tank. Requires tapping of crankcase.

DUBG1255	255 Super Smoker	12.60	11.79
----------	------------------	-------	-------

## DU-BRO® ENGINE MOUNTS

• **Patented protection for your power plant.**



Reduce airframe fatigue and component failure with Du-Bro's aluminum engine mounts. Rubber grommets at critical locations dampen vibration, minimizing loosened bolts, broken hinges and fuel foaming. Models are available for engines .25-1.2 cubic inches. All feature a 2-piece design that adjusts for precise fits with any engine in the range.

DUBG1300	655 Motor Mount .25-.50	26.20	23.59
DUBG1302	657 Motor Mount .50-.75	32.80	28.99
DUBG1304	682 Motor Mount .45-.80 4-Stroke	36.60	32.99
DUBG1305	684 Motor Mount .75-1.08 2-Stroke	39.00	34.99
DUBG1306	686 Motor Mount .80-.91 4-Stroke	41.90	35.99
DUBG1307	688 Motor Mount 1.20 2/4-Stroke	44.65	37.99

## DU-BRO® MUFFLER ACCESSORIES

• **Improve performance, or add special effects.**



Sturdy **Exhaust Deflectors** weigh almost nothing, but re-route residues away from your finish and out of your life. All-aluminum **Muffler Extension** (699) fits .40-.46 O.S., ASP®, Magnum™ and Thunder Tiger engines. Includes two 3mm x 50mm screws. Also available: **8-32 Pressure Fitting**.

DUBG1242	539 8-32 Pressure Fitting	1.90	1.90
DUBG1246	696 Exhaust Deflector .20-.34	4.30	4.00
DUBG1317	697 Exhaust Deflector .35-.90	4.30	4.00
DUBG1319	699 Muffler Extension .40-.46	6.00	5.79

## FOX GLOW PLUGS

• **Dependable starts, plug after plug.**



Modeler-tested **Pro Series #8 Plugs** feature a special seal and heavier wire than Standard Long plugs. **Standard Plugs** feature no idle bar; **R/C Plugs** feature a machined-on idle bar to eliminate weld failures. **Gold Standard** plugs share both features. **4-Stroke Miracle Plug** holds ignition heat best, improving idle. **Blastar Plug** is developed especially for car and truck enthusiasts. Short plugs (with 5/32" of thread) are for engines .15 and smaller; long plugs (for engines .20 and up) feature 7/32" of thread.

		RETAIL	TOWER
FOXG1400	4301 Pro Series #8 Short Plug	4.62	4.39
FOXG1405	4302 Pro Series #8 Long Plug	4.62	4.39
FOXG1450	4101 Standard Short Plug	4.20	3.99
FOXG1455	4201 Standard Long Plug	4.20	3.99
FOXG1465	4502 R/C Short Plug	4.62	4.39
FOXG1470	4602 R/C Long Plug	4.62	4.39
FOXG1515	4702 4-Cycle Miracle Glow Plug	5.95	5.49
FOXG1517	4204 Gold Standard Long Plug	4.50	4.29
FOXG1519	4604 Gold R/C Long Plug	4.92	4.69
FOXG4802	4802 Blastar Plug Medium Long	4.79	4.59

## GOLDEN HORIZONS ENGINE ACCESSORIES

Strong and lightweight, each stylish-looking, two-piece aluminum **Cooling Head** has five scallops cut into the side for improved ventilation. Available for the Traxxas® T-Maxx® 2.5/3.3, Traxxas 3.3 engines and the HPI® Savage™ XL/K5.9. Mounting screws required. Anodized aluminum **Spark Plug Covers** are available for the Baja 5B in orange and silver – while **Aluminum Engine Mounts** are great replacements for the T-Maxx and Baja 5B. Other Baja-friendly accessories include the orange **Aluminum Pull-Start Handle** and the **Aluminum Engine Cover**.



GHHG2537	02537 Alum Engine Mount Blue T-Maxx	22.99	20.69
GHHG2538	02538 Alum Engine Mount Silver T-Maxx	22.99	20.69
GHHG2626	02626 Alum Engine Mount Silver Baja 5B	22.99	18.59
GHHG1039	02208B Cooling Head Blue T-Maxx TRA 2.5/3.3	34.99	29.99
GHHG2387	02387 Alum Cooling Head Orange HPI K5.9	34.99	29.99
GHHG2567	02567 Alum Cooling Head TRA 3.3 Silver	29.99	26.99
GHHG2685	02685 Alum Spark Plug Cover Orange Baja 5B	39.99	35.99
GHHG2686	02686 Alum Spark Plug Cover Silver Baja 5B	39.99	35.99
GHHG2731	02731 Alum Pull Start Handle Orange Baja 5B/SS	28.99	25.99
GHHG2741	02741 Alum Engine Cover Orange Baja 5B/ST	59.99	49.99

## HPI RACING® PLUGS

HPI's glow plugs feature a unique blend of platinum and iridium metals. All have a standard plug design, without an idle bar. The **R3** (1502) is a medium plug for .12-.15 and .21 engines; **R4** (1503) is a medium-cold plug for .25 engines and **R5** (1504) is a cold plug for hot conditions. **Spark Plug/CMR7H** is perfect for the Baja 5B Fuelie engine.



HPIG1502	1502 Glow Plug Medium R3	9.00	8.59
HPIG1503	1503 Glow Plug Medium Cold R4	8.00	7.69
HPIG1504	1504 Glow Plug Cold R5	10.00	9.39
HPIG5454	15454 Spark Plug/CMR7H Baja	14.00	12.99

## HPI RACING® AIR CLEANERS

• **Clean engines last longer – and run better.**

Keep it clean with an HPI air filter! Replacement air cleaners are available for .21 to .28-size engines (**87198**) and .12 to .18-size engines (**87207**). High performance air cleaners can be used for engines with 10mm diameter carbs (**72175**). Use the **Baja Air Filter Set** to protect your Baja from harmful dust and debris. Also available: **Air Filter Oil** in a bottle (Z190) or spray can (Z189) and **Foam Element Sets** for .12-.18 (87213) or .21-.28 engines (87204).



HPIC1190	Z190 Air Filter Oil 30cc	7.00	6.69
HPIC5411	15411 Air Filter Set Baja	33.00	29.99
HPIC8198	87198 Air Cleaner 21+ Size	10.00	9.39
HPIC8720	87207 Air Cleaner .12-.18	10.00	9.39
HPIC8732	87213 Air Cleaner Foam Element Set	6.00	5.79
HPIG2175	72175 High Performance Air Cleaner 10mm	16.00	13.99
HPIG7204	87204 Air Cleaner Foam Element Set	6.00	5.79
HPIPO189	Z189 Air Filter Oil Spray	9.00	8.59

## HPI RACING® TUNED PIPES & HEADERS

- Pump up the power with a pipe!
- Ideal for HPI and O.S.® car & buggy engines.

Boost power and speed by tapping engine back pressure! Outfit your Savage™ 21 or Savage SS with a two-chamber **Ribbed Tuned Pipe** (86186, 86187) or a choice of Polished Aluminum (86138) or Purple Anodized (86139) **Tuned Pipes**. Polished aluminum tuned pipes are also available for the Baja 5B (86690) or the MT2 and RS4 3 EVO (86161). A black nylon model (A868) is the ideal replacement for the RS4 MT. All are ready to install, with mounting hardware included.

**Exhaust Headers** are available for the Savage 21/Savage SS (86061) and Nitro 3 (86037).



		RETAIL	TOWER
HPI6061	86061 Header Rear Exhaust Savage 21	17.00	15.99
HPI6138	86138 Alum Tuned Pipe 21+ Polished	38.00	33.99
HPI6139	86139 Aluminum Tuned Pipe 21+ Purple	38.00	33.99
HPI6161	86161 Aluminum Tuned Pipe MT2/EVO	40.00	34.99
HPI6186	86186 Ribbed Tuned Pipe 21+ Black	43.00	36.99
HPI6187	86187 Ribbed Tuned Pipe 21+ Purple	43.00	36.99
HPI6590	86590 Alum Tuned Pipe Set Polished/Baja 5B	155.00	92.99
HPI66037	866037 Aluminum Exhaust Header Nitro 3	14.00	12.99
HPI67868	A868 Tuned Pipe Nitro RS4 MT	10.00	9.99

## HPI RACING® ENGINE ACCESSORIES



Keep your vehicle's chassis in place with aluminum **Engine Mounts**! Choices are available for the Nitro RS4 3 and MT2 series (86045), the Savage™ X (86079), the 21 Savage (86060) as well as for various Nitro RS4 3 and O.S.® engines (A863). Other items include the 3-piece **Heavy-Duty Aluminum Clutch Shoe** set (86391) for the Savage, the metal **Clutch Shoe/Spring Set** for the Baja (15440) and the **Piston Stopper** for the Baja 5B Fuelie engine (Z966). Get additional info at [www.towerhobbies.com](http://www.towerhobbies.com).

HPI65614	87049 Shaped Exhaust Gasket 21 Size (2)	3.00	2.89
HPI65645	86045 Engine Mount 20mm Purple	25.00	22.59
HPI66060	86060 Engine Mount Savage 21	10.00	9.39
HPI66079	86079 Engine Mount Savage X	14.00	12.99
HPI66391	86391 Heavy Duty Alum Clutch Shoe (3)	49.00	41.99
HPI67040	87040 Silicone Ekh Coupling 12x18x30mm Prpl	4.00	3.89
HPI67052	87052 Silicone Ekh Coupling 15x25x40mm Black	6.00	5.79
HPI67054	87054 Exhaust Manifold Spring Savage 21 (2)	3.00	2.89
HPI68063	A863 Aluminum Engine Mount	9.00	8.59
HPI68075	A875 Exhaust Gasket Set	2.50	2.39
HPI69665	Z966 Piston Stopper Baja	29.00	26.19
HPI61428	1428 Pull Start Assembly 21/25 F41BB	26.00	23.49
HPI61430	1430 One-Way Bearing For Pull Start 21BB	18.00	16.79
HPI65226	15226 Pull Start Assembly K4.6	26.00	23.49
HPI65233	15233 K4.6 One-Way Bearing	22.00	19.99
HPI65440	15440 Clutch Shoe/Spring Set 6000 rpm Baja	39.00	34.99
HPI67127	87127 Back Plate Nitro Star K4.6	24.00	21.69

## INTEGY ENGINE ACCESSORIES

Integy **Tuned Pipes** are a direct replacement for stock; all install easily without special mods. Available for the Traxxas® Revo™, the **Twin Exhaust Tuned Pipe Set** (T3171) increases power output and offers a rear-exhaust set-up to keep it clean.



**High-Power and High-Torque EVO Tuned Pipes** for the T-Maxx® (T3650) and HPI® Savage™ (T7083, T7084). Other choices include **Spark Plug Covers** (T6832 numbers) and an **Alloy Engine Cover** (T6857S) for the Baja 5B, plus a silver **Machined Alloy Engine Mount** for the Revo (T3147S).

INTG1012	T3168 Air Filter Silicone Adapter Revo	5.99	5.69
INTG1016	T7080BLUE High Flow Air Filter Revo w/T3168	19.99	18.59
INTG1043	T7083 High Power Tuned Pipe Set Savage	59.99	49.99
INTG1044	T7084 High Torque EVO Tuned Pipe Savage	59.99	49.99
INTG1068	C2389 EZ Intake & Ekh Clmp Set Rev/Slayer	8.99	8.59
INTG1280	T3651 EVO Exhaust Header T-Maxx	15.99	14.99
INTG1288	T6832PURPLE Spark Plug Cover HPI Baja 5B	35.99	31.99
INTG1289	T6832SILVER Spark Plug Cover HPI Baja 5B	35.99	31.99
INTG1383	T6822SILVER Air Filter HPI Baja 5B	25.99	23.99
INTG1317	T6857SILVER Alloy Engine Cover Baja 5B	59.99	49.99
INTG3132	T6832ORANGE Spark Plug Cover HPI Baja 5B	35.99	31.99
INTG3150	T3147S Alloy Machined Eng Mnt Silver Revo	39.99	35.99
INTG3171	T3171 Twin Exhaust Tuned Pipe Set Revo	69.99	59.99
INTG7200	T7917BLUE Air Filter Baja Jato	14.99	13.99
INTG7208	T3650 High Torque EVO Tuned Pipe T-Maxx	79.99	66.99

## J & Z GLOW PLUGS

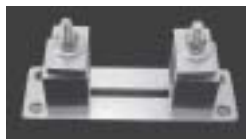
Two great glow plugs that are "just right" for flight! Available **With** or **Without** an idle bar, both of these selections from J & Z feature a standard long design.



JOZG2000	3001 Glow Plug w/Idle Bar	5.70	5.49
JOZG2010	3002 Glow Plug w/o Idle Bar	5.25	4.99

## J'TEC "SNUF-VIBE" MOUNTS & TEST STANDS

Sturdy cast aluminum provides the holding power, heat sink and adjustability in these super-strong test/break-in stands. Engine clamps adjust to a wide range of engines; steel restraining pins add extra strength and safety. **JT-TS1** and **JT-TS3** are sized for 1/2A-.60 engines. Clamps on **JT-TS2** adjust to 1/2A-2.5 engines. **Isolation Engine Mount** fits the O.S.® FS-120.



JTCG6905	JT-TS1 Test Stand 1/2A-.60	34.99	29.99
JTCG6910	JT-TS2 Test Stand Giant 1/2A-2.5	44.99	38.99
JTCG6915	JT-TS3 Test Stand 1/2A-.60	34.99	29.99
JTCG9450	JT-12SV Iso Eng Mount O.S. FS-120	48.00	39.99

## MACS MUFFLERS & ACCESSORIES

Replace a stock muffler with one of Macs' light aluminum **Mufflers** 6340-6990), and you can reduce muffler weight by as much as 50%! With a **Tuned Pipe** (1110-1385) on your engine, noise goes down and output can increase by as much as 1,000 rpm. All are made from aircraft-grade aluminum and require header, mounting hardware and coupler. With **Pre-Tuned Muffler Tuned Pipes** for O.S.® .40-.46 (1943) and .61 (1976) engines, you don't have to cut the pipe; it's already tuned for immediate installation! Also available: **Manifolds** (2340-2980) and **5/8" Silicone Tube** in 1' lengths.



MACG1110	1110 Tuned Pipe 2.5 .10-.15	37.95	33.99
MACG1120	1120 Tuned Pipe 3.5 .19-.35	38.95	34.99
MACG1140	1140 Tuned Pipe 7.5 .40-.45	50.95	42.99
MACG1150	1150 Tuned Pipe 8.5 .40-.60	56.95	47.99
MACG1160	1160 Tuned Pipe 10 .60-.65	57.95	48.99
MACG1190	1190 Tuned Pipe 15 .90-1.30	64.95	53.99
MACG1290	1290 Muffled Tuned Pipe 15 .90-1.30	90.95	75.99
MACG1325	1325 Tuned Pipe Marine 3.5cc	61.95	51.99
MACG1369	1369 Muffled Tuned Pipe Marine 11cc	99.95	82.99
MACG1385	1385 Tuned Pipe Marine 13cc	86.95	72.99
MACG1943	1943 Pre-Tuned Muffler Tuned Pipe OS 40/46	105.95	84.99
MACG1976	1976 Pre-Tuned Muffler Tuned Pipe O.S. .61	117.95	97.99
MACG2339	2340 Standard O.S. .21-.32 FX/SX	27.95	25.19
MACG2590	2590 Header Pipe Side Exhaust .40-46/Royal	28.95	25.99
MACG2591	2591 Long O.S. .40-46 & Royal	28.95	25.99
MACG2980	2980 Std TP Adaptor OS 91FX	36.95	32.99
MACG6342	6340 Muffler O.S. .25FX/.32SX TT	35.95	31.99
MACG6592	6590 Muffler O.S. .40-46/TT 40	42.95	36.99
MACG6620	6620 Muffler ST .40-45 Bolt Thru	42.95	36.99
MACG6652	6650 Muffler O.S. .40FF/LA .46LA	42.95	36.99
MACG6862	6860 Muffler O.S. .61SF TT .61GP	47.95	39.99
MACG6900	6900 Muffler ST .61-75 Bolt Thru	47.95	39.99
MACG6980	6980 Muffler OS .91 FX/Mag .91 Pro/ASP .91	73.95	61.99
MACG6990	6990 91 Muffler OS1.20AX	73.95	59.99
MACG9320	9173 5/8" Silicone Tube 1'	26.95	24.29

## MCCOY GLOW PLUGS

- Get the Real McCoy of glow power – for less!



Gold-stemmed **MC-4C** offers smooth idle and operation in 4-stroke engines. Standard long plugs include the: hot **MC-55** for planes, cars and boats; hot **MC-59** for helis; medium-to-cold **MC-8** for cars, boats & airplanes; and cold **MC-9**, for high-nitro fuels, ducted fans, pattern flying and giant-scale. All plug prices per piece.

MCCG3026	MC-4C 4-Stroke Glow Plug	8.50	7.99
MCCG3128	MC-8 Glow Plug	8.00	7.69
MCCG3129	MC-9 Glow Plug	8.00	7.69
MCCG3155	MC-55 Glow Plug	5.30	4.99
MCCG3159	MC-59 Glow Plug	8.00	7.99

# ENGINE ACCESSORIES

## MIP TG-3 TEMPERATURE GAUGE



Beat the heat with MIP's easy-to-use TG-3 Temperature Gauge – its loop probe end is compatible with virtually any engine! Capable of providing readings in both Fahrenheit and Celsius, features include a large LCD screen, an on/off switch, a "Recall" button to find the highest temperature and a protective clear splash guard. Includes double-sided mounting tape.

MIPG2090	2090 On-Board Temp Gauge TG-3	22.95	19.99
----------	-------------------------------	-------	-------

## MOTOR SAVER AIR FILTERS

Get the best performance and longest life from your engine! **RT60** fits the Traxxas® Revo™ 2.5/T-Maxx® 2.5; **RT80** fits the Revo 2.5/3.3; **TMX80** fits the T-Maxx 2.5/3.3; **JTST** is for the Traxxas Jato®; **SAV90** is for the HPI® Savage™ and **SAV100** is great for the 4.6/XL Savage. Also available: replacement **Foam** for the TMX60 filter (TMXFM) and for 1/8 scale buggy filters (B8FFM).



MSFG1004	TMXFM Inside Foam For TMX60 (2)	5.20	4.99
MSFG1005	B8FFM Inside/Outside Foam (1)	4.60	4.39
MSFG1147	SAV90 Air Filter Off-Road Savage	22.95	17.99
MSFG1148	SAV100 Air Filter 4.6/XL Savage	22.95	19.99
MSFG1262	RT60 Air Filter 2.5 Revo/T-Maxx	19.95	13.99
MSFG1263	JTST Air Filter 16mm Jato 2.5	18.95	13.99
MSFG1264	RT80 Air Filter 2.5/3.3 Revo	22.95	19.99
MSFG1265	TMX80 Air Filter 2.5/3.3 T-Maxx	22.95	19.99

## OFNA ENGINE ACCESSORIES

Durable aluminum **Engine Mounts** allow you to mount a .26 engine on your Traxxas® T-Maxx® (51530) or Revo® (51531). Both include mounting hardware. Replace broken pull starts with **Pull Starter Units** for the Hyper .21 Turbo (53025) and .21 Picco engines (51321)! Choose from nylon, metal gear **Back Plates** for Hyper series engines (50634) and a Torque Start model (50633) for XTM, Picco, SH and Force .21 engines. Also available: the **R4 Medium Glow Plug** (51007) for .21 engines and **Heavy Duty Engine Mount Screws** (10114) for the 9.5 buggy.



OFNC0114	10114 Flat Heavy Duty Eng. Mount Screws (4)	7.95	7.59
OFNG1030	51530 Engine Mount T-Maxx	20.95	17.99
OFNG1031	51531 Engine Mount Revo	20.95	17.99
OFNG3025	53025 Pull Starter Unit Complete	24.95	22.49
OFNG1007	51007 Medium Temp Glow Plug (1)	13.95	12.99
OFNG5321	51321 Pull Start Unit .21 Picco	18.95	17.69
OFNG5633	50633 Back Plate Torque Start	15.95	14.99
OFNG5634	50634 Backplate Hyper	15.95	14.99

## OFNA JAMMIN INLINE PIPES

Developed by World Champion racer "Jammin" Jay Halsey, these pipes are compatible with most 1/8 scale off-road trucks and buggies. All are made from crush-resistant aluminum, with a smooth flow manifold and stinger support. **JP-1** provides good low-medium torque for short-course racing; **JP-2** is made for long tracks and the three-chambered **JP-3** improves all-around performance on any track. The IFMAR-legal **JP-4** improves mid-range and the polished **086** is great for off-road racing.



OFNG0051	10051 JP-3 Inline Pipe Hard Coated	99.95	82.99
OFNG0055	10054 1/8 Off-Road Inline Hardcoated JP-1	89.95	74.99
OFNG0055	10055 1/8 Off-Road Inline Polished JP-1	79.95	51.99
OFNG0056	10056 Inline Pipe Polished 086	69.95	58.99
OFNG0128	10128 Jammin HCC Inline Pipe JP-4 Black	109.95	91.99
OFNG0129	10129 Jammin HCC Inline Pipe JP-4 Chrome	109.95	91.99
OFNG1045	10045 JP-2 Inline Pipe Hard Coated	89.95	74.99



# ENGINE ACCESSORIES

## PERRY ENGINE ACCESSORIES

Perry's state-of-the-art carbs can enhance the performance of your current engine, or breathe life into an old one. The **Large Carburetor** for .50-.70-size engines (1300) or SuperTigre® .60-size engines (1400) is a proven winner in larger port motor applications. The **Mega Carburetor** (5001, 5002) gives the same performance and reliability for SuperTigre's giant-scale G2300 and G-3250. Also available: aluminum **Check Valve** (VP-2CV).

		RETAIL	TOWER
PERG3104	1300 Large Carb K&B .61/HB .61	✓	46.50 31.99
PERG3110	1400 Large Carb ST .45-.61/OPS .60	✓	46.50 39.99
PERG5001	5001 Carb Non-Pump SuperTigre G2300-3250	✓	53.50 44.99
PERG5002	5002 Carb Pump SuperTigre G2300-3250	✓	53.50 44.99
SLIG7020	VP-2CV Check Valve	✓	8.25 7.99

## RB INNOVATIONS ENGINE ACCESSORIES

**Supercharger Systems** turn heads — on and off the track! A high-output/low-mass turbo impeller increases horsepower while minimizing power draw. Once tuned, the system STAYS tuned, providing more consistent runs. All come fully assembled, with all required hardware. Enjoy 20% to 45% power gains with the **Silver Bullet Nitrous System**. The fast-acting micro switch activates from any set throttle position. Just add a 9V battery! **Red and Blue 90° High-Performance Filters** mount easily to any carb 12mm or larger.

RBVG1055	RBK10533-P Savage 25/.46 SS Supercharger.....	179.99	149.99
RBVG1060	RBK10533 Savage 25-.32 Supercharger System.....	179.99	149.99
RBVG1105	RBK10541 T-Maxx 2.5/3.3 Supercharger System.....	179.99	149.99
RBVG1110	RBK10541-B T-Maxx Supercharger System Blue.....	179.99	149.99
RBVG1120	RBK10545 Jato Supercharger Pull Start.....	179.99	149.99
RBVG1145	RBK10548 Revvo Supercharger System.....	179.99	149.99
RBVG1350	RBAF3992-03A 90 Deg High Perf Filter Red.....	34.95	29.99
RBVG1355	RBAF3994-03A 90 Deg High Perf Filter Blue.....	34.95	29.99
RBVG1555	NS5000-01B Silver Bullet Nitrous System Blue ..	199.99	194.99

## RC ONE AIR & FUEL FILTERS

Get more laps out of your favorite car, truck, buggy or truggy with these incredible air and fuel filters from RC One! Choose from **Skull Bone Air Filters** or .21 engines in purple (4111) and silver (4113); **Chrome Air Filters** for 1/10 scale (9803) and 1/8 scale (9804); **Deluxe Clear Fuel Filters** in silver (9811), anodized purple (9813) and anodized blue (9812) as well as six-packs of plastic **Air Filters** for 1/10 scale (9825, 9826) and 1/8 scale (9830).

RROG4111	4111 Skull Bone Air Filter Alum Purple .21.....	15.99	11.99
RROG4113	4113 Skull Bone Air Filter Alum Silver .21.....	15.99	11.99
RROG9803	9803 1/10 Chrome Air Filter.....	7.99	7.59
RROG9804	9804 1/8 Chrome Air Filter.....	9.99	9.49
RROG9811	9811 Dix Clear Fuel Filter Chrome Silver Lrg.....	6.50	6.19
RROG9812	9812 Dix Clear Fuel Filter Anod Blue Lrg.....	6.50	6.19
RROG9813	9813 Dix Clear Fuel Filter Anod Purple Lrg.....	6.50	6.19
RROG9825	9825 1/10 Air Filter Dark Blue (6).....	15.99	11.99
RROG9826	9826 1/10 Air Filter Purple (6).....	15.99	11.99
RROG9830	9830 1/8 Air Filter Black (6).....	15.99	14.99

## SULLIVAN SKYWRITER™

Get your message across with the Skywriter — the sky's the limit! Compact in size and light in weight, this on-board smoke pump houses a microprocessor-controlled electronic pulse-drive speed control. Users can set smoke rate with the transmitter trim, and mix smoke with the throttle channel if desired. Includes filter, smoke tubing and anti-siphon valve. Compatible with 6-12V battery packs.

SULG0753	S753 Skywriter Smoke Pump.....	✓	131.71 89.99
----------	--------------------------------	---	--------------

## SLIMLINE MUFFLERS

**Pitts Mufflers** (3111-3216) mount in-cowl to provide a deeper, richer exhaust sound. Low-noise, large volume models (6002-6018S) include STI preheat system. All feature extra-long dual exhaust tubes that can be shortened or angled up to 15°. (4001-4012) are for **4-Stroke** engines. Ultra-lightweight **Q Series Mufflers** (5021-5023) are designed for O.S.® FX-series engines. **Smoke Mufflers** (2100S, 2102S, 4002S, 6018S) include installed smoke coils. **Sport Scale** (3101-3208) models can be mounted upright or inverted.

		RETAIL	TOWER
SLIG2111	3111 Pitts ST61 Bolt Thru Motor.....	✓	38.99 34.99
SLIG2114	3114 Pitts ST .40-.45 Bolt Thru Motor.....	✓	37.99 33.99
SLIG2215	3215 Pitts Muffler O.S. .20-.25 FP.....	✓	37.99 33.99
SLIG2216	3216 Pitts Muffler O.S. .35-.40 FP.....	✓	37.99 33.99
SLIG3101	3101 Sport Scale 1 ST .60-.90.....	✓	38.99 34.99
SLIG3208	3208 Sport Scale 1 OS .40-.46 SF.....	✓	38.99 34.99
SLIG3807	3207 Sport Scale 1 OS .61 SF 61 SF.....	✓	38.99 34.99
SLIG4001	4001 4-Stroke Muffler OS 120 Surpass.....	✓	89.99 74.99
SLIG4002	4002 4-Stroke Muffler OS 90 Surpass.....	✓	79.99 65.99
SLIG4005	4005 4-Stroke Muffler VS 120.....	✓	98.99 82.99
SLIG4006	4006 Side Mount Muffler Set 120 150 180.....	✓	89.99 74.99
SLIG4012	4012 Inverted 4-Stroke OS 70 91 T91 Pitts.....	✓	89.99 74.99
SLIG4104	2102S Zenosh G23/G26 Giant Scale w/Smoke.....	✓	119.99 99.99
SLIG4202	4002S 4-Stroke Muff OS 90 w/Smoke.....	✓	109.99 91.99
SLIG5021	5021 Q Series Mufflers OS 61/61FX/61/75AX.....	✓	59.99 49.99
SLIG5022	5022 Q Series Mufflers OS 91 FX.....	✓	64.99 53.99
SLIG5023	5023 Q Series Mufflers OS 120 AX.....	✓	69.99 58.99
SLIG5100	2100S Zenosh G-62 w/Smoke.....	✓	134.99 112.99
SLIG6002	6002 Pitts Muffler SuperTigre .90.....	✓	59.99 49.99
SLIG6014	6014 Pitts Muffler O.S. .90-1.08 FSR.....	✓	59.99 49.99
SLIG6180	6018 Pitts Muffler OS 1.60 FX.....	✓	89.99 74.99
SLIG6085	6018S Pitts Smoke Muffler O.S. 1.60 FX.....	✓	119.99 99.99

## SUPERTIGRE® MUFFLER ACCESSORIES

Aluminum **Silent Mufflers** decrease noise and increase performance! 12523411 is ideal for S-40, S-45, GS-40, GS-45 and G-51 power plants while 12523412 is compatible with S-61, S-61K, S-90K, G-61, G-75 and G-90 engines. Both include manifold, gasket and pressure fitting. **Exhaust Stack** fits the Swing Mufflers found on S-40, S-45, GS-40, GS-45 and G-61 engines.

SUPG1561	12523411 Silent Muffler .40-.51.....	✓	39.99 33.99
SUPG1562	12523412 Silent Muffler .61-.90.....	✓	44.99 38.99
SUPG1572	12482571 Exhaust Stack GS40-45.....	✓	13.99 11.99

## THS RACING TUNED PIPES

Revo® Performance Exhaust sets are available in hard-coated aluminum (THS146H), polished aluminum (THS1046) and chrome (THS146C) for Traxxas® 3.3 engines. Hard-coated aluminum Jato® (THS144H) and T-Maxx® (THS145H) sets are also available for 2.5 and 3.3 engines. **Tuned Exhaust** sets include choices for HPI® 1/10 scale RTRs (THS1010R), the 1/8 scale Savage® (THS8020) and larger .25-.28 Savages (THS825H). A 1/10 scale Stadium Truck (THS1050R) set is also available. All include tuned pipe, header and hardware.

THPG0144	THS144H Performance Exhaust Jato.....	✓	60.00 49.99
THPG0145	THS145H 1/10 Tuned Pipe T-Maxx 2.5.....	✓	60.00 49.99
THPG0825	THS825H Pipe 25-.28 Savage 1/8.....	✓	90.00 74.99
THPG1010	THS1010R Tuned Pipe Set HPI RTR-3.....	✓	60.00 49.99
THPG1042	THS146H Perform Exhaust Revo Hard Coated.....	✓	70.00 58.99
THPG1043	THS146C Performance Exhaust Revo Chrome.....	✓	70.00 58.99
THPG1047	THS1046 1/10 Pipe Revo.....	✓	60.00 49.99
THPG1051	THS1050R Rear Exhaust 1/10 Stadium Truck.....	✓	60.00 49.99
THPG8020	THS8020 Pipe Set Savage 1/8.....	✓	90.00 74.99

## TOP FLITE® IN-COWL MUFFLERS & HEADER

• In-cowl concealment for engines — more scale looks for your plane.

Top Flite makes aerial authenticity seem like magic by making 2-stroke, .61-.75 engines "disappear" in-cowl. **TOPQ7915** fits Top Flite's Corsair, P-51D Mustang, AT-6 Texan, Fw-190 and P-47D. **TOPQ7917** fits the Beechcraft Bonanza. Both include pressure fitting, gasket and hardware. Both require the **Exhaust Header Set**, which includes silicone coupler and mounting screws. Also compatible with O.S.® engines.

TOPQ7915	In-Cowl Muffler .61-.75.....	✓	24.99 21.99
TOPQ7917	In-Cowl Muffler Civilian 61-75 Bonanza.....	✓	24.99 21.99
TOPQ7920	Exhaust Header O.S. .61 SF & FX.....	✓	19.99 15.99

## TRAXXAS® ENGINE ACCESSORIES

Providing readings in Fahrenheit and Celsius, the digital **On-Board Temperature Gauge** can be used with virtually any engine. Includes a large LCD screen, an ON/OFF switch, a "Recall" button to find your hottest racing temperatures and a protective splash guard. Eight **Tuned Pipes/Headers** are available for the T-Maxx®, Revo®, Jato® and more, or choose from five **Air Filters/Inserts** for Traxxas' most popular vehicles! Other highlights: the **Big Block Installation Kit**, which adds performance power to your Revo; a **Recoil Starter** for 2.5 and 3.3 engines, as well as three handy **Engine Mounts**.

		RETAIL	TOWER
TRAC5260	5260 Air Filter Housing T-Maxx Stadium Maxx.....	✓	12.00 11.19
TRAC5261	5261 Air Filter Foam Inserts (3) T-Maxx 2.5.....	✓	6.25 5.99
TRAC5262	5262 Air Pre-Filter Inserts Foam High Vol.....	✓	10.00 9.39
TRAC5266	5266 Air Filter Body High Volume.....	✓	14.00 12.99
TRAC5267	5267 Air Filter T-Maxx 3.3.....	✓	14.00 12.99
TRAC6328	5340X Header Exhaust Tub Alum Sprng Mnt 3.3.....	✓	20.00 17.99
TRAC7583	5483 Tuned Pipe Single Chamber ROAR Jato.....	✓	50.00 41.99
TRAC7587	5490 Resonator Aluminum Tuned Pipe Revo.....	✓	50.00 34.99
TRAC7600	5160 Engine Mount Aluminum.....	✓	11.00 10.29
TRAG4085	4942 High Performance Tuned Pipe T-Maxx.....	✓	40.00 32.99
TRAG4091	4091 Digital Temperature Gauge On Board.....	✓	27.75 19.99
TRAG4485	4485 Aluminum Tuned Pipe/Header Blue.....	✓	60.00 49.99
TRAG4961	4960X Eng Mount Mchnd Alum T-Maxx.....	✓	42.00 35.99
TRAG5170	5170 Recoil Starter TRX 2.5.....	✓	20.00 16.99
TRAG5238	5238R Cooling Head PowerTune TRX 3.3.....	✓	45.00 38.99
TRAG5340	5340 Alum Exh Header Silver Anodized Revo.....	✓	20.00 17.99
TRAG5360	5360 Engine Mount Revo.....	✓	19.00 17.69
TRAG5361	5360X Big Block Installation Kit Revo.....	✓	55.00 39.99
TRAG5487	5487 Tuned Pipe Resonator Double Chamber.....	✓	55.00 45.99
TRAG5493	5493 Tuned Pipe Resonator R.O.A.R. Legal.....	✓	55.00 39.99
TRAG5541	5541X Tuned Pipe Resonator Jato 3.3.....	✓	45.00 37.99

## TRAXXAS® GLOW PLUGS

Traxxas glow plugs are designed especially for Traxxas' most popular engines. **Standard Long Plug** (3230) is ideal for the Image .12 engine, while the **Super Duty Long Plug** (3232X) is great for Traxxas engines using 10%-20% nitro fuel, such as the 2.5, 2.5R and 3.3. **Lead Wires** are perfect for EZ-Start® systems for the Revo® (4581X) and T-Maxx® (4581).

TRAG3230	3230 Standard Long Glow Plug w/Gasket.....	✓	5.00 3.99
TRAG3233	3232X Super Duty Long Glow Plug.....	✓	7.00 5.19
TRAG4581	4581 Lead Wire Glow Plug T-Maxx.....	✓	1.75 1.75
TRAG4582	4581X Lead Wire Glow Plug Blue Revo.....	✓	1.75 1.75

## TRINITY® ENGINE ACCESSORIES

Blue-anodized **Hi-Flow Super Pipe** for the Traxxas® Revo® has a pressure tap cast into the body. Two separate manifolds ensure a correct fit — one has a smaller flange to fit .18-size Fantom and Sirio engines, while the larger flange fits big blocks sized .21 and up. Great for 2-strokes or 4-strokes, **Final Solution After Burn Oil** helps prevent gum and varnish build-up to keep engines running in top condition. 4 oz. bottle.

TRIG5007	TR15007 Hi-Flow Super Pipe Revo.....	✓	69.99 39.99
TRIP8104	RC8104 Final Solution After Burn Oil.....	✓	5.99 5.89

## VENOM RACING® TEMPERATURE MONITORS

**Smart Temp Unit** boasts a programmable temperature monitor, with an Overheat Fail-Safe™ mode that includes a programmable Throttle Limiter. Other features include peak temp memory, traditional radio fail-safe and a digital voltmeter...all in one unit! The **Micro Temperature Monitor** features One Button High Temp Technology, so you can see your vehicle's temperature during actual racing conditions.

VNRC0605	0605 Smart Temp Fail Safe Unit.....	✓	59.99 47.99
VNRC0601	0601 VTM Micro Temp Monitor Green On-Board.....	✓	19.99 15.99
VNRC0602	0602 VTM Micro Temp Monitor Black.....	✓	19.99 15.99

## UNIVERSAL STARTER BOX

■ 90-day limited warranty.

With its powerful twin motors and durable belt drive, the **Kwik-Pit™ Universal Starter Box** offers years of easy, reliable engine starts for 1/8 and 1/10 scale models, both on-road and off-road. Partially assembled, it arrives with twin 550 motors and the belt drive reduction installed, ready to provide powerful starting torque. It can be powered by either a 12V, 7Ah field battery or two 6-cell packs; screws and battery mounts for both are included, ready for installation. A handsome, powder-coated metal case makes it sturdy...a ball bearing-equipped drive wheel boosts power. Available separately, the **Starter Box Power Pak** includes an AC wall charger and two 1000mAh 6-cell field packs.



**Starter Box Power Pak**



**1/10 & 1/8 Kwik-Pit Universal Starter Box**

Stock #	Description	Retail	Tower
DTXP5701	1/10 & 1/8 Kwik-Pit Universal Starter Box.....	\$79.99	\$49.99
DTXP4600	Starter Box Power Pak .....	49.99	29.99

## KWIK-PIT™ SUPER STARTS

Push the Super Start into place, press the switch and listen to your engine fire up! Dual 540 motors deliver twice the starting torque of single-motor starters. A rugged steel gear train and ball bearings provide a long life. The ON/OFF rocker switch can't turn on accidentally and automatically turns off when released. Includes Super Start, backplate adapter, starting shaft and hardware. Requires two 6-cell battery packs. 90-day limited warranty.



**RT-X/Warhead G-27 CX**

Stock #	Description	Tower
DTXP6000	DuraTrax/HPI .12-.18.....	\$34.99
DTXP6001	RTR w/360 Back Plate..	29.99
DTXP6015	T-Maxx 2.5.....	34.99
DTXP6018	Warhead G-27 CX.....	27.99
DTXP6020	O.S. .12-.21.....	34.99
DTXP6022	DuraTrax .18.....	34.99

## FIELD BAGS

Made of heavy-duty black nylon, DuraTrax Field Bags feature multiple pockets and a stiff liner for support. **X-Large** measures 22.75" x 13" x 11". The 27" x 14" x 12.5" **X-Large Deluxe** adds zippered pockets plus a vinyl bottom layer that keeps water from your gear. Durable nylon **1/18 Micro Truck** carrier bag has room for the vehicle, plus a transmitter, spare batteries, tires, and more. All have foam lining, padded and zippered lids. All five bags include carrying handle and detachable shoulder strap.



**X-Large Deluxe**

Stock #	Description	Retail	Tower
DTXP2000	X-Large Field Bag.....	\$44.99	\$25.99
DTXP2010	X-Large Deluxe Field Bag.....	69.99	49.99
DTXP2028	1/18 Micro Truck Carrier Bag...	29.99	17.99

## RAPID HEAT™ GLO-STARTER

■ Light-as-aluminum glow starter wears like iron!

Rapid Heat's 1500mAh Sanyo® NiCd sends power to a 1-3/4" socket with the distinctive Twist-and-Lock tip. Place it over a glow plug, give it a twist and you've got a vibration-resistant electrical circuit linking NiCd and glow plug. Twist it the other way, and it comes free for quick, compact storage. Made of durable metal, with a vinyl cap to protect the tip from fouling. A 110V AC charger is included for overnight recharging.



Includes a genuine Sanyo® NiCd cell.

Stock #	Description	Retail	Tower
DTXP3000	Rapid Heat Glo-Starter .....	\$25.99	\$15.99

## KWIK-PIT™ MINI POWER PANEL

Ideal for use with starter boxes and field boxes, the DuraTrax Kwik-Pit Mini Power Panel measures a very compact 3.4" x 1.8" — but packs an enormous variety of useful features into those inches, including: glow driver output with glow plug condition indicator; adjustable glow driver current; battery condition monitor; and 12-volt output/battery charge jacks.



Stock #	Description	Retail	Tower
DTXP5770	Kwik-Pit Mini Power Panel .....	\$29.99	\$11.99

## GLOW STARTERS

**Ultimate Glo-Starters** offer the ultimate in convenience: choice! Both include an AC wall charger and NiCd, but can also use inexpensive alkaline cells! An easy-access hatch on the high-impact polystyrene case makes either one easy to replace. The proven Twist-and-Lock head grips with spring-action strength until you take it off. **Glow Starters** offer similar features, but are designed exclusively for alkaline cell use. Both require battery. 90-day limited warranty.



**Glow Starter C Battery**

Choose alkaline-only economy...or NiCd/alkaline versatility!

Stock #	Description	Retail	Tower
DTXP0300	Glow Starter C Battery.....	\$8.99	\$7.99
DTXP0305	Glow Starter D Battery .....	9.99	8.99
DTXP0310	Ultimate Glo-Starter C.....	25.99	13.99
DTXP0315	Ultimate Glo-Starter D .....	32.99	19.99

## ULTRA SLIM "AA" GLOW STARTER

Sleek and powerful, the Ultra Slim "AA" Glow Starter is an easy fit for shirt pockets and tight budgets alike. The machined, blue-anodized barrel is knurled for a firm, comfortable grip. The extra-long 3.75" chromed shaft ends in the Twist-and-Lock socket, which holds with a vise-like grip and releases with a quick turn. Includes an 1800mAh NiMH "AA" cell for fast starts and an AC wall charger for easy overnight charging.



Stock #	Description	Retail	Tower
DTXP0320	Ultra Slim AA Glow Starter .....	\$29.99	\$19.99

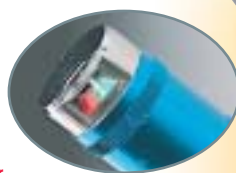


# FLIGHT LINE & TRACK EQUIPMENT

## PROGLO™ STARTERS

They deliver more power, more efficiently, and last for years! The spring-loaded plunger locks onto any glow plug. Chrome-plated sockets (1-1/4" **Standard**, 2-1/4" **Long**) include vinyl tip caps to prevent shorts and fouling. Aluminum barrels unscrew easily for battery replacement. **ProGlos w/Charger** are available with or without a built-in meter that shows your glow plug is drawing current. **Metered Cap** is also available separately, and fits the ProGlo or Dubro® Kwik Klip III. All ProGlos require a sub-C battery.

Stock #	Description	Retail	Tower
GPMP2010	Standard ProGlo Starter.....	\$14.99	\$9.99
GPMP2011	Long ProGlo Starter.....	16.99	10.99
GPMP2012	Standard ProGlo Starter w/Charger.....	24.99	12.99
GPMP2013	Long ProGlo Starter w/Charger.....	26.99	13.99
GPMP2022	Standard ProGlo Starter w/Meter & Charger.....	34.99	18.99
GPMP2023	Long ProGlo Starter w/Meter & Charger.....	36.99	21.99
GPMP2030	ProGlo Starter Cap w/Meter.....	16.99	9.99



ProGlo starters are available with a built-in meter.



Long ProGlo w/Meter



Standard ProGlo Starter w/Meter & Charger

Deliver more power — for years to come!

## MASTER CADDY™ FIELD BOX WITH APS

Built to last, the sturdy ply Master Caddy has a place for all of your important field accessories and tools. Within its 25" x 15.75" x 8.25" dimensions are three open top compartments, two roomy drawers with dividers and a shelf for a gallon can or jug of fuel. Cushioned cradles adjust to hold your model safely during maintenance or repair. In the detachable APS (Auxiliary Power Station), carry your standard power panel, 12V battery, starter, glow plug clip and tools — whatever you need for the flight line. **Kit** version arrives unpainted; includes assembly instructions. **Prebuilt** version comes painted and 90% preassembled.

Stock #	Description	Retail	Tower
GPMP1000	Master Caddy Kit w/A.P.S.....	\$49.99	\$29.99
GPMP1001	Master Caddy Prebuilt.....	69.99	44.99



Includes detachable Auxiliary Power Station.



Master Caddy Prebuilt

Contents not included.

## 12A 12V POWER SUPPLY

The ElectriFly 12A 12V Power Supply uses state-of-the-art switching technology to produce the clean DC power that's essential for such sensitive equipment as peak detection chargers. It also keeps size and weight to the minimum — reducing the load in your flight box and the clutter in your work area. Other features include a built-in current limiter to prevent damage from accidental overloads; top-mounted cooling fan that increases efficiency and lifespan; face-mounted power switch and LED indicator; and 4mm banana output jacks.

Stock #	Description	Retail	Tower
GPMP0901	12A 12V Power Supply.....	\$99.99	\$59.99



Case Size: 5.4 x 4.9 x 2.4 in  
Weight: 29 oz



Contents not included.

Ultra

## E-BOXES™

Lightweight and laser-cut, 1/8" ply E-Boxes are factory-built and finished for pilot ease. Install the handle, and the **Compact** is ready for use and your charger is "locked" in place. Includes a deep drawer and a vented, easy-access space for a 12V maintenance-free battery. Spacious **Ultra** has room for two batteries on the bottom, a deep side drawer and on top, a wide open tray, and slanted platform for not one, but two chargers!

Stock #	Description	Retail	Tower
GPMP1004	Ultra E-Box Electric Flight Field Box.....	\$59.99	\$39.99
GPMP1006	Compact E-Box Electric Flight Field Box.....	29.99	19.99

## FLYLITES™ LIGHT TUBES & CONTROLLERS

Put the spotlight on your airplane by outfitting it with easy-to-install light tubes! Each **Light Tube Set** contains an 18" light tube in one of four colors (green, blue, red, or white), plus a controller that mounts easily into your model with included, double-sided tape. The controller lets you choose between a constant light and blinking mode. Two plugs on each light tube make it simple to install multiple lights on your plane.



Stock #	Description	Tower	Stock #	Description	Tower
GPMM9000	Tube/Controller Set Green.....	\$15.99	GPMM9010	Tube Green.....	\$9.99
GPMM9001	Tube/Controller Set Blue.....	15.99	GPMM9011	Tube Blue.....	9.99
GPMM9002	Tube/Controller Set White.....	15.99	GPMM9012	Tube White.....	9.99
GPMM9004	Tube/Controller Set Red.....	15.99	GPMM9014	Tube Red.....	9.99

## DUFFEL BAG

Equipped with two side pockets, one front pocket, a roomy interior compartment and zipper-secured closures all around, the ElectriFly Duffel Bag makes it easy to transport tools, field gear — maybe even your lunch! The soft-sided bag is constructed of durable nylon with sturdy, one inch webbing. Stitched cloth straps let you carry it by hand or over the shoulder.



Dimensions: 21 x 9 x 11.5 in

Stock #	Description	Retail	Tower
GPMP0010	Duffel Bag.....	\$24.99	\$17.99



## GLOCHARGER™

If your glow starter quits right in the middle of your modeling fun, reach for the GloBee GloCharger. In as little as 15 to 20 minutes, it powers your glow starter back up, ready for more engine starts! Just attach its included alligator clips to any 12V DC power source and plug your glow starter into the charging jack. The unit's red LED glows while fast-charging is underway. Then, after the 1.5A fast-charge is complete, it automatically switches to a slow, steady 70mA trickle. Assembled using rugged, dependable solid-state circuitry.



Length: 2-1/2 in  
Width: 1-3/4 in  
Height: 7/8 in

Stock #	Description	Retail	Tower
GLBP0100	GloCharger Glow Plug NiCd Charger..... ✓	\$29.99	\$17.99



## INTELLITACH™ LCD TACHOMETER

Evaluate different fuel, glow plug and prop combinations — compare earlier results using IntelliTach's 3-reading memory. Its advanced optical sensor lets you read the rpm of 2-, 3- and 4-bladed props from up to 12" away. A large, 1/2" tall, adjustable-angle LCD display lets you hold and read the tach at any angle, and shows 5 digits in a 0-32,000 rpm range — no more multiplying! IntelliTach comes with a replaceable 9V battery for power, which it conserves by shutting itself off after 5 minutes of inactivity. One-year limited warranty.



Peak engine performance for better flights.

Stock #	Description	Retail	Tower
GLBP0111	IntelliTach LCD Tachometer.. ✓	\$27.99	\$27.99

## HELI-MAX™ HELI SUPER START

Start heli engines of displacements up to .90 cubic inches, quickly and conveniently! The Heli Super Start has TWO start switches — a rocker switch on top with safety guard and a push button below the handle — that let you use it easily in either horizontal or vertical positions, accommodating a variety of heli designs. Dual 540 motors generate plenty of starting power. A steel gear drive and ball bearings provide smooth operation. Includes a starter gear with rubber insert; requires two 7.2V battery packs. A one-way starter shaft (HMXE2050, sold separately) is required for some models.



Stock #	Description	Retail	Tower
HMXP2000	Heli Super Start.....	\$59.99	\$34.99

## HOBBICO® TORQMASTER™ BATTERIES

The **TorqMaster™ LC 12V/7Ah Battery** is ready for use right out of the box. It's not only maintenance-free, but sealed so it can be mounted at any angle. It measures just 5.9" x 3.75" x 2.5"; but with its 7Ah capacity, it's all the battery you need for powering starters, chargers, fuel pumps, power panels and more. Weight: 5.25 lb. The **TorqMaster™ Mini 12V 4.5Ah Battery** is also sealed and maintenance-free, but 30% lighter (3.6 lb) and smaller (3.5" x 2.8" x 4") — ideal for smaller field boxes. Both require an AC wall charger (HCAP0200, sold separately).



Mini 12V 4.5A Battery



LC 12 Volt 7 Amp Battery

Stock #	Description	Retail	Tower
HCAP0800	TorqMaster LC 12 Volt 7 Amp Battery .....	\$34.99	\$19.99
HCAP0855	TorqMaster Mini 12V 4.5A Battery.....	27.99	17.99

## HOBBICO® POWERCORE™ MKII 12V STARTER POWER PACK

Use your electric starter anywhere with the cordless **PowerCore MkII 12V Starter Power Pack**. Included adjustable brackets and attachment straps let you mount the PowerCore onto almost any brand starter for a secure, no-slip attachment. The Power Pack includes a fuelproof, fiber-reinforced plastic case and 12V, 1.2Ah gel cell battery that provides dozens of starts per charge, with enough punch to start big .60-size engines (replacement battery is also available separately). If you have your own 12 volt, 120mA charger, you can charge the battery through the PowerCore's included power lugs. A built-in charge jack eliminates the need for alligator clips when using the **PowerCore Charger**. The PowerCore MkII Starter Power Pack includes a 1-year limited warranty.

Stock #	Description	Retail	Tower
HCAP0901	PowerCore MkII 12V Starter Power Pack.....	\$49.99	\$29.99
HCAP0905	PowerCore Battery Only.....	19.99	14.99
HCAP0210	PowerCore AC Charger w/LED 12 Volt..... ✓	12.99	10.99



Starter sold separately.



PowerCore MkII 12V Starter Power Pack

PowerCore AC Charger w/LED 12 Volt

The ultimate in starter convenience and safety.

## SAFETY STICK ENGINE STARTER

■ The inexpensive, time-tested approach to engine starting.

Start your engine the safe, easy, economical way — with Hobbico's "chicken stick"-style Safety Stick. Its comfortably contoured, hardwood handle gives you the perfect grip for flip-starting your engine on the flight line. The end is rubber-coated to prevent breaking or damaging your propellers. There's no better way to turn a couple of dollars into years of dependable engine starts!



Stock #	Description	Retail	Tower
HCAP3335	Safety Stick Engine Starter..... ✓	\$3.99	\$2.99

## 72MHZ RADIO FREQUENCY CHECKER

Why wonder if someone's on "your" frequency? Turn on Frequency Checker, and you'll know for sure! It's no bigger than a deck of cards and weighs just two ounces, so it's easy to take along. Turn it on, and it automatically scans all 50 frequencies in just 15 seconds and identifies each frequency in use with a glowing red LED. Detects in-use frequencies at up to 300 feet alone; add the **Antenna** (available separately) and it extends the range to 1000 feet! Requires 3 "AAA" alkaline cells. 1-year limited warranty.



Stock #	Description	Retail	Tower
HCAP0340	72MHz Radio Frequency Checker..... ✓	\$79.99	\$34.99
HCAP0341	72MHz Radio Frequency Checker Antenna .....	9.99	3.99



# FLIGHT LINE & TRACK EQUIPMENT

## VOLTWATCH™ BATTERY MONITORS

Monitor voltage levels with a quick glance! Push a button and one of seven color-coded LEDs will glow to show voltage level. Just 1.6" x 0.6" x 0.13", the **12V Field Power Monitor** mounts on the side of your fieldbox and displays readings from 11 to 13V. **VoltWatch 2 4.8V/6.0V Rx Battery Monitor** can be used with 4.8V or 6.0V packs, and both NiCd and NiMH cells. And at just 0.63" x 0.16" x 1.7", it's easy to mount discreetly under a canopy or wing. Includes a Futaba J plug for easy installation. Both include 2-year limited warranty.



Stock #	Description	Retail	Tower
HCAP0332	VoltWatch2 4.8V/6V Rx Battery Monitor .....	\$19.99	\$11.99
HCAP0331	VoltWatch 12V Field Power.....	15.99	9.99

# Hobbico®

## DIGITAL VOLTMETER MKIII

**A digital voltmeter that's practical and easy to use.**



Every feature you want — in a slim, comfortable, compact design! With the Digital Voltmeter MkIII you can test 4-, 5- and 8-cell batteries under load to simulate actual R/C conditions, or de-activate load to use as a true DC voltmeter. The easy-to-read "OK" and "RECHARGE" status I.D. on the custom-designed LCD eliminates guesswork. It also shows negative polarity and alerts to low battery power. Measure DC voltage up to 19.99 volts, with twin banana jacks for easy connection to a wide variety of test leads. An auto-timer turns off the unit if left on. Includes 9V battery.

Stock #	Description	Retail	Tower
HCAP0356	Digital Voltmeter MkIII .....	\$44.99	\$19.99

**Maximum muscle for fast, easy starts.**

**Power panel-ready versions come with banana plugs!**



## TORQMASTER™ STARTERS

**TorqMaster 90 Deluxe 12V** starts engines up to .90 cu. in. **TorqMaster 180 Heavy-Duty 12V** starts engines up to 1.8 cu. in. Both include an aluminum starter cone with grooved silicone insert; soldered copper contacts; thick carbon brushes; easy-press switch; and 5' DC input cord. Available with factory-soldered battery clips or power panel-ready banana plugs. Spinners and hubs over 3" in diameter require both **Jumbo Drive Cone** and **Jumbo Rubber Insert**. 2-year limited warranty.

Stock #	Description	Retail	Tower
HCAP3200	TorqMaster 90 Deluxe 12V .....	\$49.99	\$29.99
HCAP3205	Panel Ready TorqMaster 90.....	49.99	29.99
HCAP3300	TorqMaster 180 Heavy Duty 12V .....	69.99	39.99
HCAP3305	Panel Ready TorqMaster 180.....	69.99	39.99
HCAP3310	TorqMaster .90-1.80 Drive Cone.....	7.99	7.29
HCAP3315	TorqMaster Rubber Insert (Aircraft).....	1.99	1.75
HCAP3320	TorqMaster Rubber Adapter Car.....	4.99	4.49
HCAP3325	TorqMaster .90-1.80 Jumbo Drive Cone.....	17.99	14.99
HCAP3330	TorqMaster .90-1.80 Jumbo Rubber Insert.....	6.99	6.29

## AIR ALERT™ FLIGHT PACK MONITOR

Low Voltage & Lost Aircraft Alarm

**"Peace of mind" for R/C pilots!**

This compact on-board system emits special sequences of beeps to signal potentially risky flight pack situations, such as low battery voltage or 1+ minutes of transmitter inactivity (warning you that either the transmitter is not turned on, or the receiver has not been turned off). And if your plane crashes but you're not sure where, it also serves as a handy tracking device. Using servo tape, you can mount the unit flush against the inside or outside of the fuselage. Its case is foam-cushioned to protect internal components. Universal connector included. 2-year limited warranty.



Stock #	Description	Retail	Tower
HCAP0335	Air Alert Flight Pack Monitor .....	\$25.99	\$15.99

## 4-WAY WRENCH WITH PLUG STORAGE

**A GREAT BUY in tool basics.**

Made of durable, chrome-plated steel, the 4-way wrench barely covers your palm, but handles a wide variety of basic hobby needs. With its four sockets, you can handle SAE nuts from 5/16"-1/2", metric nuts from 8-13mm, and change glow plugs. The glow plug socket (8mm) extends 2.5" to give you extra reach, and includes a clip that holds plugs tight against loss. Threaded holes between arms provide storage for up to four glow plugs.



Stock #	Description	Retail	Tower
HCAP2550	4-Way Wrench w/Plug Storage .....	\$5.99	\$4.99

## C-CELL ALKALINE GLOW STARTER

**More starting voltage at less cost!**

**Twist-and-Lock design for extra-secure attachment.**



It's the best of both worlds: a glow starter that produces higher-than-NiCd battery voltage for a less-than-NiCd cost. No charger is required; simply open the easy-access hatch, install a new "C" alkaline cell and throw the old one away. The high-impact case protects it from occasional "oops!" The standard-length shaft ends in the unique twist-and-Lock socket for easy attachment, quick release and a secure grip on glow plugs between. "C" battery required. 1-year limited warranty.

Stock #	Description	Retail	Tower
HCAP2515	C-Cell Alkaline Glow Starter .....	\$9.99	\$6.99

## MICROPANEL PLUS™

Dimensions: 3.3" x 1.8" x 0.75"  
Weight: 2.3 oz

Practical AND affordable, MicroPanel Plus is amazingly small and lightweight — with the "plus" of an on-board 300-400mA charger with mounting lug and green charge LED for rechargeable starters. Two sets of banana jacks (one 12V for electric starters or fuel pumps, and one 1.2V with heat adjustment dial and red "plug heat" LED for glow plug clips) provide total at-the-field convenience. An 18" input lead with alligator clips connects directly to a 12V field battery.



Stock #	Description	Retail	Tower
HCAP0301	MicroPanel Plus .....	\$29.99	\$17.99

## ULTRA-TOTE™ FIELD BOXES

Get a great field box from Hobbico — and save on your field accessories in Tower Hobbies' combos! **Ultra-Tote** and **Ultra-Tote Basic** kits assemble mainly from 3/8" and 1/4" thick ply panels (decals and paint not included). **Ultra-Tote ARH** comes 90% prebuilt, totally pre-painted in a choice of four colors, and Almost Ready to Haul! All Ultra-Totes have a ventilated 12V battery compartment; universal power panel slot; 1-gallon can or bottle fuel caddy; and roomy drawer. All except Basic include adjustable, foam-padded cradles (**Field Box Cradle Assembly** available separately).

Save on popular field supplies by ordering an Ultra-Tote Kit combo! For essentials-only economy, choose the **Field Box Basic Combo**. In addition to the field box kit, it comes with a 12V charger; TorqMaster 12V/7A battery; TorqMaster 90 12V Starter; Deluxe Power Panel; and Panel-Ready Locking Glow Plug Clip. The **Field Box Complete Combo** includes the Field Box Basic Combo items plus Great Planes Filling Station Can Fitting Set; Hobbico Top Fueler™ fuel pump; 5' Recoil Fuel Tubing.



Kit

Field accessories not included.



Prebuilt Yellow

Available prebuilt or as an easy-to-build kit, with or without cradles.

Stock #	Description	Retail	Tower	Dimensions:
HCAP5015	Basic .....	\$39.99	\$24.99	Ultra-Tote & Ultra-Tote ARH (Both With Cradles)
HCAP5020	Field Box Kit .....	39.99	24.99	19"L x 8"D x 17"H
HCAP5025	Prebuilt ARH Yellow .....	59.99	39.99	
HCAP5026	Prebuilt ARH Blue .....	59.99	39.99	
HCAP5027	Prebuilt ARH Red .....	59.99	39.99	
HCAP5028	Prebuilt ARH White .....	59.99	39.99	
HCAP5100	Field Box Basic Combo ..... 2 PAY \$54.99	177.99	109.98	Ultra-Tote Basic (Without Cradles)
HCAP5105	Field Box Complete Combo 3 PAY \$43.33	211.99	129.99	19"L x 8"D x 13"H
HCAP5018	Field Box Cradle Assembly .....	7.99	6.99	

Combos include field gear in one easy, money-saving purchase.

## HOT-SHOT™ 2 GLOW STARTERS

All combine a locking glow plug clip for standard or 4-stroke plugs with a Twist-and-Lock Connector for easy, secure attachments. The 2.3" **Standard** and 3.8" **Long** boast 1500mA of rechargeable Sanyo NiCd power. **Super** delivers 5000mA — enough for an entire day of modeling. Recharge overnight using their heavy-duty wall outlet adapter.



One-year warranty.

With Sanyo® cell power!

Stock #	Description	Retail	Tower
HCAP2520	Hot-Shot 2 Standard .....	\$25.99	\$14.99
HCAP2522	Hot-Shot 2 Long .....	29.99	19.99
HCAP2528	Hot-Shot 2 Super .....	39.99	27.99

## PARTS BOXES

Organize small parts in durable, clear plastic Parts Boxes with snap-lock lids. All include two molded-in lengthwise dividers that create three permanent compartments. Movable partitions allow you to subdivide them into as many as 18 separate compartments.



Stock #	Description	Retail	Tower
HCAR3005	Parts Box 7x4x1" w/Adjustable Compartment .....	\$4.99	\$3.49
HCAR3015	Parts Box 11x7x2" w/Adjustable Compartment .....	9.99	5.99
HCAR3020	Parts Box 14x9x2" w/Adjustable Compartment .....	12.99	8.99

## ACCU-GLO™ MKII POWER PANEL

The power panel with more ...now has MUCH more!

Some pilots know *everything*. For everyone else, there's the Accu-Glo MkII. It offers easy answers to all sorts of flying field questions, and has unique features such as: a plug continuity checker; auto plug heat system; 12V battery voltage indicators; simple push-button fuel pump controls and a glow igniter charger. That's why it is unquestionably one of today's best buys in field equipment. Like all Pro Series products, it comes with a full, 2-year limited warranty.



Stock #	Description	Retail	Tower
HCAP0306	Accu-Glo II Power Panel .....	\$49.99	\$29.99
HCAP0310	Banana Plugs (3 Pair) .....	3.99	3.49

## FIELD PACK DELUXE

Ordering a gas-powered, .40-size ARF or RTF trainer? With plane, engine, radio, fuel and this Field Pack, you're fully equipped to fly! Includes one each of: Hot-Shot Glo-Starter; Hand-Crank Fuel Pump; Safety Stick Engine Starter; Recoil Fuel Tubing; Filling Station Fuel Can Fittings Set; Power Point 10x6 Propeller; 4-Way Wrench; Standard 3' Fuel Tubing; O.S. A3 Glow Plug; and heavy-duty cardboard field tote.



Stock #	Description	Retail	Tower
HCAP5115	Field Pack Deluxe .....	\$74.99	\$49.99



# FLIGHT LINE & TRACK EQUIPMENT



## 25A 12V RACING POWER SUPPLY

Case Size:  
5.5 x 7.2 x 2.5 in  
Weight: 49 oz

The high amperage output is plenty for virtually any hobby application. State-of-the-art switching technology produces clean DC power for such sensitive equipment as peak detection chargers. It also keeps size and weight to the minimum — reducing the load in your pit box and the clutter in your work area. Voltage output can be set from 11V to 15V — for DC current of up to 25A maximum between two output terminals. Includes two sets of 4mm banana jacks plus a detachable terminal block adapter that also accepts large alligator clips. One-year limited warranty.



Stock #	Description	Retail	Tower
TCP9000	25A 12V Racing Power Supply.....	\$139.99	\$89.99



## DIGITAL LCD MINI-TACH

With its rugged, ergonomically designed case, the LCD Mini-Tach looks and lasts like no other. Just one touch switches the unit on, and it measures 2- and 3-blade prop rpm from a much-safer 12" away. The large, 1/2" LCD display reads easily at any angle, and gives you an exact number from 0 to 32,000 — without having to multiply by 10. It uses 2 common AAA batteries (which are included), not expensive watch-style batteries, and an auto-shutoff function switches the unit off after 5 minutes.



Stock #	Description	Retail	Tower
TOWP1221	Digital LCD Mini-Tach.....	\$59.99	\$19.99

## DELUXE POWER PANEL



At just 6" x 3.75", the Deluxe Power Panel fits most field or pit boxes and handles power needs for everything in them. The charger port works with either NiCd or NiMH glow starter cells and recharges both at an easy, effective 300-400mA rate. The power panel also provides: 12V power for starters and pumps; adjustable 1.5V pulsed power to glow plugs; a Fill/Empty switch for use with fuel pumps; and a meter for detecting engine problems and burned-out plugs. Includes 1 set of alligator clips and 2 sets of banana plugs.



Stock #	Description	Retail	Tower
TOWP1105	Deluxe Power Panel.....	\$34.99	\$18.99

## EASY TOTE™ PREBUILT

Compact storage for your field essentials.



Contents not included

Why lug around a fully loaded field box when all you need are a few flight line essentials? The Tower Hobbies Easy Tote Prebuilt is the answer. It measures just 9.75" x 7.75" x 11.75", yet has a place for all the basics you need to fly in its top tray, drawer, fuel jug and foam-padded cradles. This super-efficient tote also comes 90% factory-assembled, so you'll be ready to haul in a heartbeat.

Stock #	Description	Retail	Tower
TOWP1505	Easy Tote Prebuilt.....	\$29.99	\$19.99

12V Starter Battery powers all your electric field equipment.



12 Volt AC Charger



12V 4.5A Maintenance-Free Starter Battery

## 12 VOLT BATTERY & CHARGER

Compact, convenient and affordable, the Tower Hobbies 12V Starter Battery offers 4.5Ah of current capacity for powering fuel pumps, starters, glow igniters and more. Virtually maintenance-free, it weighs just 3.6 lb. for easy carrying — and its dimensions (just 3.5" L x 4" H x 2.75") make it an easy fit for virtually any pit or field box. It's also durable and rechargeable, so your investment in low-cost power will pay off for a long time. The U.L.-approved 12V Charger charges at a rate of 500mAh and will charge the Tower Hobbies 12V Starter Battery, or any other lead-acid, gel-cell or lead calcium (sealed) batteries. It works overnight, giving your battery a full, deep charge without the risk of overheating or damage. Plug it into an ordinary wall outlet for power. A 6' cord with attached alligator clips is included.

Stock #	Description	Retail	Tower
TOWP1255	12 Volt 4.5A Maintenance-Free Starter Battery.....	\$18.99	\$13.99
TOWP1000	12 Volt AC Charger.....	14.99	\$10.99

## LOCKING GLOW PLUG CLIP

The safe, sure connection.

For 2- or 4-stroke engine plugs, the Locking Glow Plug Clip with spring-loaded, 2" socket easily reaches plugs in confined areas. Twist-lock connectors grip for secure plug attachment. Color-coded alligator clips on 26" wires attach to Hobbico's 1.5V Glow Plug Battery for dependable starting power. Or choose the Panel Ready Locking Glow Plug Clip with 29" of wire and banana plugs attached.



Stock #	Description	Retail	Tower
TOWP1205	Locking Glow Plug Clip.....	\$9.99	\$6.99
TOWP1206	Panel Ready Locking Glow Plug Clip.....	9.99	6.99
HCAP0700	Hobbico 1.5V Glow Plug Battery.....	7.99	5.99

## EXPANDED SCALE VOLTMETER

Economical and easy to read.

Is it time to recharge? Does your pack have an undercharged or bad cell? Here's an easy and economical way to find out: use the Tower Hobbies Expanded Scale Voltmeter! It measures voltages of 4.8V receiver and 9.6V transmitter batteries (NiCd and NiMH only) with remarkable ease. Instructions and probe-type leads are included, and the faceplate features no-guesswork "red = recharge, green = safe" guidelines. Now you'll always be sure that you're batteries are ready to fly! 2-year limited warranty.



Stock #	Description	Retail	Tower
TOWP1182	Expanded Scale Voltmeter.....	\$19.99	\$9.99



## TOWER POWER™ GLO-STARTERS

With the Twist-and-Lock head, a push and a twist is all it takes to guarantee a secure grip and ample glow power. Made of purple-anodized, machined billet aluminum, the "AA" Slim Glow Starter is knurled for an easy grip and an easy fit for a pocket. Requires an alkaline "AA" cell or "AA" NiCd or NiMH cell and charger. A built-in, 1600mAh NiCd in **Glo-Starters** provides plentiful power today and recharges overnight for tomorrow's fun. They're available with 2" **Standard** or 4" **Long** shafts and both are available with or without a meter built into the cap. All four Glo-Starters include a vinyl tip cap to prevent fouling and an AC wall charger for easy overnight charging.

Stock #	Description	Retail	Tower
TOWP1190	Standard w/o Meter .....	\$19.99	<b>\$13.99</b>
TOWP1191	Long w/o Meter .....	24.99	<b>13.99</b>

Stock #	Description	Retail	Tower
TOWP1192	Standard w/Meter.....	\$26.99	<b>\$19.99</b>
TOWP1193	Long w/Meter .....	29.99	<b>20.99</b>
TOWP1198	AA Slim .....	19.99	<b>11.99</b>

**All (except "AA" Slim) include an AC overnight charger.**

AA Slim Glow Starter

Standard

Long



The best value in electric starters.



**Dependable starting power.**

## TOWER POWER™ 12 VOLT STARTERS

The **TOWER Power 12V Deluxe Starter** is for engines up to .90 cu in; the **12V Heavy Duty Starter** increases torque for starting engines up to 1.8 cu in. Their deluxe aluminum starter cone has a V-groove for belt-starting and a rubber insert for cone-starting. The durable metal armature cases include bronze bushings plus self-adjusting carbon brushes. Built-in finger guards add safety, while the easy-press start switch avoids hand fatigue. Both come with battery clips already attached.



**Built-in finger guard ensures safe starts.**

Stock #	Description	Retail	Tower
TOWP0500	TOWER Power Starter 12V Deluxe.....	\$39.99	<b>\$21.99</b>
TOWP0750	TOWER Power Starter 12V Heavy Duty.....	59.99	<b>31.99</b>

## WING TOTE®

performance. engineered. protection.

Protect your R/C investment with the durability of water-resistant nylon and the impact-cushioning power of closed-cell foam padding and hard-plastic liners! Most bags and totes feature tops with zippers on three sides to ease access and prevent spills!

### Field Tote

An essential for "extras!" A waterproof, PVC-lined center section holds your radio, a gallon fuel can and more. Exterior pockets provide easy-access storage for a charger, tools, a parts bin and fueling accessories!

WGTP0671	Field Tote.....	<b>\$27.99</b>
----------	-----------------	----------------



### Wing Bags

Like all Double Wing Bags, the 42" features a center section that separates wing panels and a pocket for the joiner tube. And like all air bags, it's fleece-lined for superior finish protection!

WGTP0101	64" Single Wing Bag .....	<b>\$49.99</b>
WGTP0106	74" Single Wing Bag .....	<b>54.99</b>
WGTP0111	82" Single Wing Bag .....	<b>64.99</b>
WGTP0141	44" Single Wing/Tail Bag.....	<b>41.99</b>
WGTP0174	Small Prop Cover 14" Props .....	<b>9.49</b>
WGTP0176	Medium Prop Cover 24" Props .....	<b>10.99</b>



42" Double Wing Bag

WGTP0651	Prop Tote 32" Props.....	<b>\$34.99</b>
WGTP0178	Large Prop Cover 34" Props .....	<b>13.79</b>
WGTP0201	42" Double Wing Bag .....	<b>69.99</b>
WGTP0206	50" Double Wing Bag.....	<b>84.99</b>
WGTP0211	57" Double Wing Bag.....	<b>107.99</b>



1/8-1/10 Truck Tote Deluxe Blue

### Car & Truck Totes

The **Standard** and **Deluxe** Truck Totes will hold any 1/8 scale monster truck plus extra gear, parts and support equipment.

WGTP0380	1/10 Stadium Truck & Car Tote.....	<b>\$34.99</b>
WGTP0401	Standard Truck Tote Blue .....	<b>53.99</b>
WGTP0411	1/8-1/10 Truck Tote Deluxe Blue.....	<b>65.99</b>
WGTP0416	Pro Roller Deluxe Truck Tote Blue .....	<b>109.99</b>
WGTP0450	1/18 Truck Tote Jr.....	<b>24.99</b>



Contents not included

### Radio Bag

Made of durable, water-resistant 600 Denier nylon, with a foam insert pre-cut to fit most standard transmitters which can also be cut for a custom fit. Also features a 9" x 13" front "V" pocket.

WGTP0625	Radio Bag .....	<b>\$28.99</b>
----------	-----------------	----------------

### Heli Totes

Protects helis with hard-shell sides reinforced with plastic inserts and foam padding, plus a die-cut foam interior that holds and cushions the heli and small accessories.



Heli not included

Medium Heli Tote

WGTP0294	Micro Heli Tote .....	<b>\$42.99</b>	WGTP0297	Heli Blade Holder .50-.90 (2) .....	<b>\$27.99</b>
WGTP0296	Micro Heli Blade Holder .....	<b>6.69</b>	WGTP0298	Medium Heli Tote .....	<b>49.99</b>

**www.wingtote.com**



# FLIGHT LINE & TRACK EQUIPMENT

## ASSOCIATED FACTORY TEAM BAGS

Blue nylon **Car Carrier Bag** is compatible with 1/18, 1/12 and 1/10 scale cars as well as 1/10 scale buggies (with the wing removed). Includes two internal corrugated plastic boxes w/dual zippers, hook-and-loop closures, a padded carrying handle and a detachable nylon shoulder strap. **Motor Storage Bag** is roomy enough to store up to six 1/10 scale motors and five spare rotors, plus a handy small parts box.



ASCP1417	SP417 FT 1/10 Motor Storage Bag .....	RETAIL 49.99	TOWER 42.99
ASCP1418	SP418 FT 1/10 Car Carrier Bag .....	99.99	69.99

## ASSOCIATED STARTER BOX

Factory-assembled and ready to use, this brushed stainless-steel starter box features a heavy-duty 775-size motor and a high-torque belt-driven pulley reduction system. The flywheel can be turned and re-installed at a 90° angle. Its adjustable flywheel position and posts allow it to be used with a wide variety of vehicles. Requires 12V or 14.4V DC power.



ASCP1750	1750 Factory Team Starter Box NTC3/GT ..	99.99	61.99
----------	--	-------	-------

## DU-BRO® FILLIN' STATIONS

Fuel your plane with the Fillin' Station, and have everything at your fingertips! **Complete** features a Kwik-Fill fuel pump, fittings, fuel cap, silicone tubing, a built-in tool holder, Kwik Start glow plug ignitor, glow ignitor caddy, anodized glow plug holder, and 4-way wrench. Also available without Kwik Start and 4-way wrench (908). For glow fuel or gasoline (gasoline use requires Tygon tubing).



DUBP0907	907 Fillin' Station Complete .....	71.60	49.99
DUBP0908	908 Fillin' Station w/o Kwik Start .....	44.05	34.99

## DU-BRO® GLOW PLUG IGNITORS

The **E/Z Glo** (927) tests and reports the condition of your glow plug with an audible beep. A 1700mAh battery and charger are included. **Remote Safety Ignitors** (793, 794) can be used with any single-cylinder engine and clip onto glow plugs that are recessed deep into the cylinder head.



DUBP0927	927 E/Z Glo Glow-Plug Ignitor .....	27.50	24.79
DUBP1200	793 Remote Safety Ignitor .....	10.50	9.79
DUBP1201	794 Remote Safety Ignitor Recessed .....	10.50	9.79

## EMS JOMAR GLOW DRIVERS

Just plug an EMS Jomar glow driver into your receiver's throttle channel and it safely heats the glow plug while starting the engine! Opto-isolated to eliminate radio interference, they automatically turn off the glow plug when the receiver is off. **Single** and **Twin** models are both available with your choice of Futaba® "J" plug or JR/Hitec®/Z connector. All feature an LED indicator, an adjustable on/off set point and 20A current switching capability. All require a 1300-2000mAh NiCd battery.



EMOP0037	0037 Glow Driver J .....	44.95	37.99
EMOP0038	0038 Glow Driver JR/Hitec/Z .....	44.95	37.99
EMOP0047	0047 Glow Driver Twin J .....	51.95	42.99
EMOP0048	0048 Glow Driver Twin JR/Hitec/Z .....	51.95	42.99

## ERNST ULTRA STAND

**Holds planes, tools and assemblies for easy access.**

Injection-molded plastics make the Ultra Stand light enough to lift with a finger and strong enough to withstand weight and damage from paint, fuel and adhesives. The large, 9.5" x 18" base is great for tools, and smaller trays under the uprights protect your spare parts. Uprights stretch 11.5" high, and feature 3/8" foam pads to protect your plane's finish. They also push in place for use, and pull out easily for compact, easy storage.



ERNP1157	157 Ultra Stand .....	RETAIL 14.98	TOWER 10.99
----------	-----------------------	--------------	-------------

## EAGLE TREE FLIGHT DATA RECORDERS



ETRP8013

The complete **Pro Seagull System** easily installs in your plane to provide up to 20 channels of real-time data at your fingertips, conveniently displayed on the scrollable pages of the LCD Data Dashboard. Other features: jet and multiple engine support, static airspeed port and much, much more. Available in a 900MHz version for U.S. use and a 2.4GHz version for worldwide use.

ETRP8002	TEMP-MICRO Micro Temperature Sensor .....	9.99	9.49
ETRP8003	RPM-KIT-BRS Brshlss Elec Motor rpm Sensor .....	14.99	13.79
ETRP8009	MPRV3-CONN-100 eLogger V3 w/Integrtd Conn .....	69.99	69.99
ETRP8010	MPRV3-LEADS100 eLogger V3 w/Wire Lds 100A .....	69.99	64.99
ETRP8011	MPRV3-LEADS150 eLogger V3 w/Wire Lds 150A .....	89.99	83.99
ETRP8013	SEA-PRO-24-02 Seagull Pro 2.4GHz System .....	649.99	599.99
ETRP8024	ALTIMETERV3 Altimeter Microsensor V3 .....	37.99	33.99
ETRP8025	AIRSPD-V3 Airspeed Microsensor V3 .....	42.99	39.99
ETRP8026	ETS-DSD Systems DSD Expander .....	44.99	41.99
ETRP9009	SEA-PRO-900 Seagull Pro 900MHz .....	499.99	459.99
ETRP9010	POWER-PANEL Power Panel LCD Display .....	39.99	34.99

## GOLDEN HORIZONS® GLOW STARTERS



01158

Enjoy fast, safe starts with these easy-to-use glow starters from Golden Horizons! A spring-loaded design ensures secure, solid connections to your model. Available in **Black, Blue, Green, Orange, Purple** and **Red**. All require 1 "AA" battery.

GHPH1157	01157 Glow Starter Blue w/o AA Batteries .....	12.99	11.99
GHPH1158	01158 Glow Starter Blue w/o AA Batteries .....	12.99	11.99
GHPH1159	01159 Glow Starter Orange w/o AA Batteries .....	12.99	11.99
GHPH1160	01160 Glow Starter Purple w/o AA Batteries .....	12.99	11.99
GHPH1161	01161 Glow Starter Red w/o AA Batteries .....	12.99	11.99
GHPH1162	01162 Glow Starter Green w/o AA Batteries .....	12.99	11.99

## INTEGY LARGE CARRYING BAG

Whether you spend your time in the pit or at the field, this tough tote can suit your needs! Capable of withstanding 200 pounds on each side, it includes four storage boxes - giving you more than enough room to hold your car, tools and all supplies! Measures 11.5" x 19.5" x 19".



INTP2101	C22101 Large Carrying Bag .....	39.99	35.99
----------	---------------------------------	-------	-------

## HPI RACING® NITRO START-UP SET

No need to hunt around for separate accessories to get your nitro vehicle running with this handy start-up kit from HPI! All of the essential items are included: a quart of 20% Nitro Power fuel and a fuel bottle; a can of Nitro Car Cleaner; a glow plug and glow plug wrench; and a glow starter with NiCd battery and AC charger!



HPIP1914	914 Nitro Start-Up Set .....	RETAIL 70.00	TOWER 49.99
----------	------------------------------	--------------	-------------

## HPI RACING® GLOW PLUG IGNITORS



74108

**Glow Plug Ignitor** (74105) has a non-replaceable sub-C NiCd covered with lavender shrink wrap. Purple-anodized aluminum **Pro-Glow Plug Ignitor** (74108) features a replaceable sub-C NiCd and built-in voltage meter. Both have a spring-loaded locking clip and include AC charger.

HPIP7415	74105 Glow Plug Ignitor w/AC Charger .....	22.00	19.99
HPIP7418	74108 Pro Glow Plug Ignitor w/AC Charger .....	35.00	27.99

## HPI RACING® ROTO START™ SYSTEMS

Electric Roto Start systems replace your pull starter with a durable metal-gear backplate and hand-held shaft-driven starter. Available for **K-Series** engines (87126, 87131, 87148), **.21 Savage™** engines (87110) and **Nitro Star** engines (87132). Roto Start 2s feature an improved case, circuit breaker and start-button safety cover. All require a 6-cell NiCd/NiMH stick pack w/charger.



87110

HPIP7126	87126 Roto Start System .....	65.00	49.99
HPIP7131	87131 Roto Start 2 System Nitro Star K .....	65.00	44.99
HPIP7132	87132 Roto Start 2 Nitro Star 12/15/18 .....	65.00	44.99
HPIP7148	87148 Roto Start 2 System K w/Long Shift .....	65.00	44.99
HPIP8711	87110 Roto Start System Savage .....	55.00	34.99

## HPI RACING® CARRYING BAG

Keep your Savage™ safely strapped in place with this great-looking carrying bag! Constructed of heavy-duty black nylon, it features bearing-equipped, heavy-duty wheels, moveable padded internal components and hook-and-loop straps to hold your truck in place. Multiple handles let you use it as a traditional field bag, or wheel it upright like luggage by using the expandable metal handle. Measures 27" x 17" x 11".



HPIP9255	92550 Carrying Bag XL Savage .....	150.00	124.99
----------	------------------------------------	--------	--------

## MIDWEST AERO-STAND

Set-up doesn't have to be a pain in the back - rise to new heights of comfort with the Aero-Stand! Adjustable, foam-padded cradle adjusts to kits from .40 to giant-scale; horizontal bracing provides shift-resistant strength and a handy spot for tool belts. Supports planes up to 55 pounds in weight, and folds up for easy carrying. Features sturdy, all-steel tubing and a corrosion-resistant powder coating.



MIDP0810	810 Aero-Stand .....	139.98	99.99
----------	----------------------	--------	-------

## MODEL PRODUCTS HEAD LOCK REMOTES

Head Lock Remotes feature a remote glow plug connector, allowing you to power the glow plug from anywhere on the model. Both feature a spring-loaded twist lock, making them very secure, yet easy to attach and remove.

**Single** (M021) is low-profile, to fit under cowls and canopies. **Extended** (M056) is for deep heat-sink heads. Both require Head Lock or Head Lite.

		RETAIL	TOWER
M0DP1156	M056 Extended Headlock Remote.....✓	16.47	11.99
M0DP1221	M021 Head Lock Remote Single.....✓	14.41	10.59

## MILLER R/C STARTER INSERTS

• Replacement inserts give you a firm grip and a fast start.

Miller inserts are designed to give you firm grips and fast starts! Made of high-tech materials, Miller inserts are available in two different styles. **Blue Sky Grip** inserts are for planes with nose cones. **Pink Tuff Grip** inserts work with rear-start heli engines and 1/2A engines with a hub, prop nut or spinner nut.



MPPR1310	SG201 Starter Insert Sullivan Blue.....✓	9.39	8.99
MPPR1320	TG301 Starter Insert Sullivan Pink.....✓	9.69	9.29
MPPR1410	RS201 Starter Insert Hobbico Blue.....✓	9.39	8.99
MPPR1420	RTG301 Starter Insert Hobbico Pink.....✓	9.69	9.29

## OFNA 1/8 SCALE STARTER BOXES

These all-metal units come complete with hardware and absolute adjustability! The unassembled **On/Off-Road** starter box (10250) features a powerful 12V motor for starting high-compression, .21-sized engines. The **T-Start Nitro** (10262) for the Traxxas® Revo® includes a 775 motor and a compact, narrow design. The **Trugggy** starter box (10244) features dual 775 motors and a universal design. All require a 12V battery and charger.



OFNP1244	10244 1/8 Trugggy Starter Box Dual 775 Motor.....	149.95	89.99
OFNP1250	10250 1/8 Starter Box w/12V Motor.....	99.95	69.99
OFNP1262	10262 T-Start Nitro Starter Box.....	119.95	74.99

## O.S.® 4-STROKE VALVE ADJUSTMENT KIT

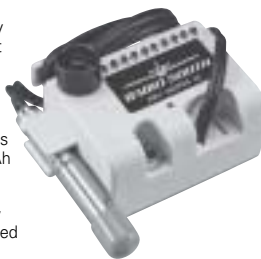
Keeping your 4-stroke tuned up is easy with this compact collection of tools! In addition to 0.4mm and 0.10mm feeler gauges, it also includes a 1.5mm hex key and a 5mm wrench. A hard plastic case keeps it all together and ready for instant use.



OSMG6334	72200060 4-Stroke Valve Adjustment Kit.....✓	11.99	9.99
----------	--	-------	------

## RADIO SOUTH PRO-DRIVER MKIII

Pocket-sized Pro-Driver features an LED display that shows the amount of current being drawn from your glow plug in 0.5A increments. Includes a 1.5" long replaceable Sonictronics glow tip, 4-cell 1100mAh NiMH battery pack and charger. Allow 10-15 hours to charge battery before use. 2-year limited warranty.



RADP3110	3200 Pro-Driver MkIII w/Charger.....	131.99	99.99
----------	--------------------------------------	--------	-------

## RAM IGNITER

This complete, on-board system lights your plug, starts your engine, maintains smooth, even idling and automatically shuts off — all for little more than the cost of a glow starter alone! Just 1" x 2" x 1.5" and 3 oz., this reversible, optically coupled system offers an adjustable "on" point, LED monitor, attached Du-Bro® glow plug and universal receiver connectors — and an 1800mAh battery compatible with your radio system's charger. Charge connector required. Y-harness optional.



RAMP1350	50 Igniter 1800 Driver/Starter.....✓	RETAIL 49.95	TOWER 42.99
----------	--------------------------------------	--------------	-------------

## ROBART® SUPER STAND™ II

Ultra-light and easy to assemble, Robart Super Stand is great for building and the ideal take-along for field maintenance. Simple, no-fastener design and assembly simplifies set-up work, and allows compact storage afterwards. Tubes on molded foam & plastic allow uprights to slide together for small craft, or move out for giant-scale kits. Cradles adjust to match hull and fuselage profiles; soft rubber pads protect painted/covered finishes.



ROBP1402	402 Super Stand II.....	20.80	18.29
----------	-------------------------	-------	-------

## RC ONE STARTER SETS

Enjoy right-out-of-the-box racing ease with these all-in-one starter sets from RC One! **Electric Starter Set** for nitro vehicles with an electric starter includes a 6-cell NiCd battery, while the **Nitro Starter Set** comes with a glow starter. Both include an AC charger, one 6-way wrench, one 4-way wrench, two mini screwdrivers and a 300cc fuel bottle.



RR0P4298	4298 X 78 Electric Starter Set w/Battery.....	39.99	29.99
RR0P4299	4299 Nitro Starter Set.....	29.99	22.49

## SULLIVAN ON-BOARD GLOW PLUG DRIVERS

Available in **Single** and **Twin** cylinder versions, both drivers plug directly into your receiver, throttle servo or any 1.2V – 12V battery. Other convenient features: one-button programming for automatic operation, ignition set point memory, push-button override ignition and a green LED indicator. No Y-harness required.



SULP0060	M060 Single On-Board Glow Plug Driver.....✓	71.32	53.99
SULP0061	M061 Twin On-Board Glow Plug Driver.....✓	80.10	66.99

## SULLIVAN STARTERS

12V/24V Dynatron with aluminum drive cone will start 1/4 scale engines. Easy-to-install **Power Pac Battery Case/Charger** provides 20% more power than comparable battery packs to the Dynatron starter. 12V/24V **Megatron** for large airplane engines has a 3" aluminum cone with silicone rubber insert. **Megatron Double Handle** has two handles — one functions as an on/off switch. Compact, lightweight, 12V **Hornet** is ideal for .049 to .12-size engines. All require batteries. **Heli Extension** fits all Sullivan starters except the Hornet.



SULP1598	S598 Hornet 1/2A Electric Starter.....	39.30	34.99
SULP1613	S613 6mm Heli Starter Extension.....✓	109.75	91.99
SULP1640	S640 Power Pac Battery Case/Charger.....	41.12	32.99
SULP1652	S652 Megatron Double Handle Starter.....	519.95	339.99
SULP1703	S603 Dynatron Super Power Starter.....	147.95	99.99
SULP1830	S651 Megatron Starter w/Motor.....	323.36	224.99

## TRAXXAS® EZ-START™ 2 ELECTRIC STARTING SYSTEM

Enjoy fast, simple push-button starts for your 3.3 cc engines with the handy EZ-Start 2! Includes a 380 high-torque motor, an easy plug-in connection, a battery holder, LED indicators and an integrated belt clip for portability. Requires a 6-cell NiCd/NiMH battery w/standard connector.



TRAP5271	5270R EZ Start 2 Starting System.....✓	RETAIL 50.00	TOWER 41.99
----------	--	--------------	-------------

## TRINITY® ENDURO GLO-IGNITORS

Specially designed for large-diameter, high-capacity NiMH cells from Intellect and EP, these anodized aluminum Enduro Glo-Ignitors bring the heat! Available **With** or **Without** an AC wall charger. Both versions include an easy-to-read, metered handle molded in eye-catching orange and a 1.2V, 4600mAh NiMH battery.



TRIP4200	TRI42100 Enduro Glo-Ignitor.....✓	29.99	24.99
TRIP4201	TRI42101 Enduro Glo-Ignitor w/Charger.....✓	39.99	34.99

## TRINITY® HAULER BAGS

• Haul your gear in style!

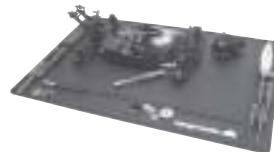
The **T-8 Super Hauler Bag** is great for carrying and organizing monster truck racing gear. Made of waterproof canvas, it's extra-wide with a single-zippered side compartment and dual-zippered main compartment. Measures 23" x 18" x 14". Black nylon **T-10 Touring Car Bag** lets you carry a 1/10 scale touring car, tools and more with ease! Includes four corrugated plastic drawers, three storage pouches, a button-release handle and luggage-style wheels. Measures 22.8" x 11" x 23.5".



TRIP7001	TRI70011 T-10 Touring Car Bag.....	199.99	124.99
TRIP7010	TRI70010 T-8 Super Hauler Bag.....	225.00	149.99

## UPGRADE R/C TEAM PIT MAT

Put an end to using towels that won't stay put — line your pit table with a heavy-duty Team Pit Mat! Its recessed cavities keep tools and tiny parts from rolling away. Measuring 19.8" x 29.5", this generous size provides ample room to wrench on your model. Four glow plug cavities keep plugs secure and the mat rolls up for easy storage. It's easy to clean, too: just spray with de-greaser, brush and wipe dry.



UPGP1800	UPG1800 Team Pit Mat 19.75"x29.5".....	59.99	49.99
----------	--	-------	-------

## VENOM RACING® FIELD EQUIPMENT

**Transporter Race Case** stores models as large as 1/8 scale buggies. Features five oversized drawers, a built-in tool organizer, a parts tray, integrated wheels and an extendable tow handle. Black nylon **Rolling Heli Bag** lets you transport helis up to 450-size. Includes an external transmitter pouch, six storage pouches, five elastic tool holders, Velcro® straps and an extendable tote handle.



VNRP2007	2007 Transporter Race Case.....	189.99	129.99
VNRP2019	2019 Rolling Heli Bag.....	79.99	59.99



# FUEL & ACCESSORIES



## DURATRAX™ KWIK-PIT™ FUEL BOTTLES

As much as you please — with just a squeeze!

The 5" long, angled, anodized aluminum necks of Kwik-Pit Fuel Bottles reach easily into your tank to prevent fuel spills, and the clear plastic bodies — marked with capacity measuring lines in 10 cc increments — keep you aware of fuel levels. Available in **250cc** (8.8 fl. oz.) and **500cc** (17.6 fl. oz.) capacities, they hold more than enough fuel to top off your tank. A black rubber tip cap prevents spills during transport. Great for glow and diesel fuels!

Stock #	Description	Retail	Tower
DTXP0125	250cc.....✓	\$6.99	\$5.99
DTXP0150	500cc.....✓	8.99	6.99

## DURATRAX™ RED ALERT™ RACING FUEL

All fuels are *not* created equal. Red Alert's race-tested blend of castor and synthetic oils helps on- and off-road engines run faster, longer and stronger. It's a combination that lubes and cools your engine even as it increases top-end performance. It's economical enough to use every day — and both the 10% and 20% nitro blends are available in money-saving quarts.



Stock #	Description	Retail	Tower
DTXP0520	10% Car Fuel Quart.....	\$11.99	\$7.99
DTXP0530	20% Car Fuel Quart.....	14.99	9.99

## DURATRAX™ CLEAN-FLOW™ FUEL FILTERS

Length: 1.5 in  
XL Length: 2.24 in  
Diameter (both): 0.4 in



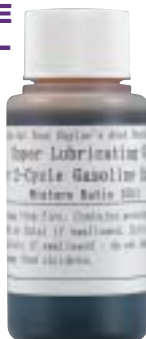
Clean-Flow Filter

Blue-anodized, machined aluminum in-line fuel filters allow unrestricted fuel flow while preventing debris from reaching your engine. Feature a knurled design for easy gripping; a fine-mesh nylon micro screen; and O-ring seal to prevent leaks. For glow fuel only. Requires standard fuel tubing.

Stock #	Description	Tower
DTXC2551	Clean-Flow Filter.....✓	\$6.49
DTXC2552	Clean-Flow XL Filter.....✓	7.99

## FUJI-IMVAC™ SUPER LUBE 2-CYCLE OIL

Super Lube is so concentrated that you mix just one fluid ounce in 150 fluid ounces of gasoline. That means that this 8 fluid ounce bottle holds enough Super Lube to treat almost 9-1/2 gallons of fuel!



Stock #	Description	Tower
FJIP9910	Super Lube 2-Cycle Oil.....✓	\$44.99

## GREAT PLANES® ULTRA PRECISION FUEL FILTER

The element in this easy-to-use, in-line filter is designed to precision tolerances, so it fits perfectly, without slop — dirt can't sneak by. A special rim holds the filter securely in place to trap more dirt than any other. Its simple, screw-together design makes it easy to remove for cleaning. Glow fuel use only.



Stock #	Description	Tower
GPMQ4150	Ultra Precision Fuel Filter...✓	\$3.29

## GREAT PLANES® FILLING STATION FITTING SET

A complete set of fittings for fuel cans and jugs! An O-ring on the fuel cap seals out moisture and prevents spills. Precision filters in the clunk and probe trap crud and keep carbs cleaner longer!



Stock #	Description	Tower
GMPM4155	Filling Station Fitting Set.....✓	\$4.69



## EASY FUELER™ FUEL FILLING VALVE

Refill your tank without disconnecting fuel lines! Install the **Easy Fueler Valve** into your gas or glow model and attach the included probe to the line coming from your pump. When you insert the probe into the valve, fuel flow to the carb shuts off. Set includes one preassembled filling valve, one fueling probe and one knurled nut with serrated washer. **Replacement Probes** also available.



Mounts easily in fuselage or cowling.

Stock #	Description	Retail	Tower
GPMQ4160	Easy Fueler Valve Glow.....✓	\$13.99	\$12.99
GPMQ4161	Easy Fueler Valve Gas.....✓	15.99	13.49
GPMQ4162	Fueling Probe.....✓	1.49	1.39



## FUEL TUBING & CLAMPS

Durable silicone fuel tubing remains flexible with repeated glow fuel exposure. Choose **Standard Tubing** (3/32" inner diameter) in 3' or 50' lengths, or **Large Tubing** (1/8" i.d.) in 2' and 30' lengths. Heavy-duty **Gasoline Fuel Tubing** (1/8" i.d.) in 3' lengths is ideal for the larger fuel tanks found in 1/4 and 1/5 scale models. Fuel Line Clamps add security to fuel line connections. **Medium (Standard) Clamps** and **Large Clamps** are available for corresponding fuel line sizes; 4 per package.



Stock #	Description	Tower
GPMQ4131	Silicone Tubing Standard 3'.....✓	\$2.29
GPMQ4141	Silicone Tubing Standard 50'.....✓	24.99
GPMQ4133	Large Fuel Tubing 2'.....✓	1.69
GPMQ4142	Large Fuel Tubing 30'.....✓	19.99

Stock #	Description	Tower
GPMQ4135	Gasoline Fuel Tubing 3'.....✓	\$2.99
GPMQ4171	Line Clamp Medium 3/32" (4).....✓	1.19
GPMQ4172	Line Clamp Large 1/8" (4).....✓	1.19

## HOBBICO® RECOIL FUEL TUBING

For all gas or glow fuels.



Durable vinyl Recoil Fuel Tubing stretches to five feet for fueling — yet recoils to a compact ten inches for easy storage. While it resists nicks and cuts, it also stays flexible and holds firmly to fittings. Ideal for use with all gas or glow fuels.

Stock #	Description	Tower
HCAP2200	Recoil Fuel Tubing 5'.....✓	\$4.49

## HOBBICO® TOP FUELER™ MKIII 12V ELECTRIC FUEL PUMP

Available with alligator clips or panel-ready with banana plugs.

Fills and drains fast with 6V power, but moves an ounce every 4 seconds with 12V! Pumping power comes from a long-lasting motor and durable gear train. The ergonomic case features O-ring seals to prevent leaks, a recessed, Fill/Off/Drain switch to prevent accidents and a built-in mounting flange. Includes filler nozzle, filtered pick-up, hardware and 18" leads with clips or plugs. For glow fuel only.



Stock #	Description	Retail	Tower
HCAP3105	Top Fueler MkIII.....✓	\$23.99	\$12.99
HCAP3107	Top Fueler MkIII Panel Ready.....✓	23.99	12.99

## O'DONNELL® 500CC FUEL BOTTLE

Handy 500cc (17.6 fl. oz.) squeeze bottle features a threaded, machined aluminum insert and O-ring in the neck prevent leaks and a vinyl tip cap to prevent spills. Angled, black-anodized aluminum neck offers easier fueling.



Stock #	Description	Tower
ODOP1000	500cc Fuel Bottle.....	\$7.99



## NITRO FUEL

### "The Choice of Champions"

Whether you're at the club or a national competition, the first name in nitro is O'Donnell — the choice of champions world-wide.

O'Donnell fuels deliver because they're formulated with decades of winning experience and precision-blended from top-quality materials. Their high-temperature stability makes them ideal for racing engines. **Heli Fuels, Boat Fuels and Racing Fuels** for cars and trucks include the "O'Donnellube™" synthetic oil package. **Air Fuel** includes a unique blend of hydra-stabilized lubricants for protection and performance.

**Ready2Run Fuels** provides extra protection for engines in ready-to-run vehicles, while **T-Blend** promotes top performance in today's most popular RTR trucks and truggies.



30% Racing

10% Airplane

Stock#	Description	Tower
ODOP1110	10% Airplane Quart.....	\$10.99
ODOP1115	15% Airplane Quart.....	11.99
ODOP2115	15% Heli Quart.....	11.99
ODOP2120	20% Heli Quart.....	12.99
ODOP2130	30% Heli Quart.....	14.99
ODOP3130	30% Boat Quart.....	12.99
ODOP3150	50% Boat Quart.....	15.49
ODOP3310	10% Racing Quart.....	8.99
ODOP3316	16% Racing Quart.....	9.59
ODOP3320	20% Racing Quart.....	10.59

Stock#	Description	Tower
ODOP3325	25% Racing Quart.....	\$10.99
ODOP3330	30% Racing Quart.....	12.99
ODOP3340	40% Racing Quart.....	15.99
ODOP3350	50% Racing Quart.....	19.99
ODOP3510	10% R2R Quart.....	8.99
ODOP3520	20% R2R Quart RTR.....	10.59
ODOP3530	30% R2R Quart.....	12.99
ODOP3960	20% T-Blend Quart.....	11.99
ODOP3963	33% T-Blend Quart.....	15.99

## TOWER HOBBIES® HAND-CRANK FUEL PUMP

**Inexpensive pumping  
power for glow fuel!**



Affordable and effective, this low-cost pump delivers 1/4 oz. of fuel with every turn of the crank! Just 3-3/16" x 1-11/16" x 1-5/8", it's durable, 'glass-filled nylon case features built-in fuel tubing jacks and mounting ears. Fuel tubing included. For glow fuel only.

Stock #	Description	Retail	Tower
TOWP1211	Hand-Crank Fuel Pump.....	\$15.99	\$10.99

## TOWER HOBBIES® TOWER™ FUEL POWER



The finest  
fuel money  
can buy — we  
guarantee it!

**The finest lubricants  
and additives make  
the difference.**



Pilots have depended on the proven performance and low price of Tower Power heli and airplane fuels for over 35 years. Now, after years of research and testing, Tower Hobbies is able to offer premium quality nitro fuels for other R/C categories. The Tower Power fuels for sport flying, 3D aerobatics, helis and competition are as affordable and dependable as ever — qualities you'll also find in new fuels specially developed for cars, trucks and boats!

Each has a nitro blend that can deliver maximum performance power on demand for the driver, plus a proprietary lubrication package formulated to meet the unique protection needs of the engine. In addition to oil content for wear protection, packages also include anti-foaming agents to promote smooth, consistent power and rust inhibitors to prevent corrosion and minimize maintenance.

Look at the performance and savings, and you'll see the difference that Tower Power nitro fuels can make in your model and R/C budget!

Stock#	Description	Tower
TOWP1600	10% Airplane Quart.....	\$7.99
TOWP1605	15% Airplane Quart.....	8.29
TOWP1620	20% Car Quart.....	8.69
TOWP1625	30% Car Quart.....	10.59
TOWP1640	15% Helicopter Quart.....	7.99
TOWP1645	30% Helicopter Quart.....	9.99
TOWP1660	30% Boat Quart.....	11.59

**PERFECTLY  
BLENDED  
TO GIVE YOU  
THE POWER AND  
PERFORMANCE  
DIFFERENCE.**

## WILDCAT FUEL

Only the finest ingredients are used in Wildcat fuels — top-quality nitro, first-run methanol and high-grade pressed, de-gummed racing castor. **CY 30% Heli Fuel** (126) is formulated for high-head speed and ultra 3D flying. **Premium Extra** fuels (104Q, 159) contain extra oil for break-in of ringed, bushed engines. Synthetic **2/4 Stroke** (108, 109) fuel can be used in any 2- or 4-cycle engine. **Heli-Mix** (116, 118) heli fuel is designed for maximum power and cooling. **4-Stroke** is available in 15% (109Q) and 20% (161) nitro blends to provide the increased lubrication 4-strokes require. **Eliminator Plus** (173) 20% nitro car fuel is 18% oil for engines built for extended or hot operation. Most fuels available in gallons.

126



CAT#	Description	RETAIL	TOWER
CATP8104	104Q Wildcat Premium 10% Extra Quart.....	8.49	7.59
CATP8109	109Q 4-Stroke 15% Fuel Quart.....	9.99	8.59
CATP9108	108 2/4-Stroke 10% Fuel 4 Gallons.....	95.99	79.99
CATP9109	109 2/4-Stroke 15% Fuel 4 Gallons.....	105.99	89.99
CATP9116	116 Heli-Mix 15% Fuel 4 Gallons.....	109.99	94.99
CATP9118	118 Heli-Mix 20% Fuel 4 Gallons.....	131.99	114.99
CATP9126	126 CY Heli 30% Fuel 23%O 4 Gallons.....	163.99	149.99
CATP9159	159 Premium 15% Extra 4 Gallons.....	163.99	89.99
CATP9161	161 4-Stroke 20% Fuel 4 Gallons.....	149.99	124.99
CATP9173	173 Eliminator Plus Car 20%N 18%O 4 Gallons.....	149.99	134.99

## COOL POWER FUELS

Green **Cool Power** is a totally synthetic fuel, with a 17% lubricant content that's ideal for ringed engines. **Low Smoke** fuel has 30% high-viscosity lube which won't break down — even in severe conditions! Great for ABC and ABN engines in hot installations, pink **Omega** offers a 30% castor/70% synthetic oil blend. **Multi-Viscosity** and **Pro Pattern** fuels are custom-blended for 4-strokes; 16% oil **Sidewinder Basher** is ideal for sport driving and club racing, and 12% oil **Sidewinder Race** is designed for high-level competition racing!

COOP#	Description	RETAIL	TOWER
COOP3520	FSWB80 Sidewinder Basher 20% N 16% O Qt	13.99	11.69
COOP4010	FCP10 10% Fuel 4 Gallon.....	95.99	79.99
COOP4015	FCP15 15% Fuel 4 Gallon.....	111.99	92.99
COOP4115	FCP15 15% Heli Fuel 4 Gallon.....	111.99	92.99
COOP4130	FCP30 30% Heli Fuel 4 Gallon.....	175.99	146.99
COOP4152	FP20 Pro Pattern 20% 4 Gallon.....	133.99	111.99
COOP5210	FOM10 Omega Fuel 10% 4 Gallon.....	95.99	79.99
COOP5215	FPM15 Omega Fuel 15% 4 Gallon.....	111.99	92.99
COOP5260	FOM4C Omega Fuel 15% 4-Stroke 4 Gal.....	111.99	92.99
COOP6620	FSWR20 Sidewinder Race 20%N 12%O 4 Gal.....	137.99	109.99
COOP8620	FSWB8 Sidewinder Basher 20%N 16%O 4 Gal.....	149.99	129.99
COOP9705	MV15 Multi Viscosity 15%N 18%O 4 Gallon.....	121.99	99.99
COOP9800	FCPH30LS Heli 30% Low Smoke 4 Gallon.....	187.99	162.99

FSWBQ



## DAVE BROWN FUEL ACCESSORIES

Molded from virtually indestructible plastic, the **Six-Shooter** rotary pump features a fuel-resistant silicone pumping element and has no seals or valves to leak or wear out. The Six-Shooter primes itself with a single turn of the crank and can be switched from high-speed fills to high-volume drains in the blink of an eye. Glow and gasoline versions available. The **Pour 'N' Pump System** (2031) includes the Six Shooter, fittings, fuel tubing and a 1-gallon fuel can. **Fuel Can** (2041) also available separately.



2031

DAVP#	Description	RETAIL	TOWER
DAVP2500	SSGL Six Shooter Fuel Pump Glow.....	14.95	13.99
DAVP2510	SSGS Six Shooter Fuel Pump Gas.....	15.95	14.99
DAVP2570	2031 Pour 'N' Pump System Glow.....	26.95	19.99
DAVP2580	2041 Pour 'N' Pump Fuel Can Only.....	13.95	12.99



# FUEL & ACCESSORIES

## DAVIS MODEL PRODUCTS DIESEL POWER ABC FUEL

A favorite of modelers since 1975, Diesel Power is specially formulated to keep your diesel ABC engines running at peak performance! It's packaged in metal cans for exceptional longevity and purity, resulting in high power, easy starts and improved idle. A premium lubricant package prevents carbon and varnish build-up.



DDDP3001	DFGABC Gallon ABC Pre-Mix.....	RETAIL 29.95	TOWER 29.95
----------	--------------------------------	--------------	-------------

## FOURMOST VALVES

Install an **Auto Plug One-Way Valve** between the muffler and fuel tank, and you ensure constant fuel pressure and eliminate stalling! For glow fuel only. Use the **Gasoline Check Valve** with smoke oil, gas, glow or diesel fuels. Works with car, buggy, plane, boat and truck engines, or use to maintain retract system air pressure as you fill. Color-coded, fuel-proof nylon **Bulkhead Fittings** provide a solid sealed line chafing.



138

FORQ1721	121 Bulkhead Fittings Small (2).....	4.50	4.29
FORQ1738	138 Auto Plug One-Way Valve.....	5.95	5.69
FORQ2050	150 Gasoline Check Valve.....	5.95	5.69

## INTEGY BRAIDED FUEL LINES

Made of high-quality, rigid silicone, which prevents pinching and reflects infrared heat away from your engine! Available for the **HPI® Savage®** and **Savage-X** as well as the **Traxxas® Revo®, Jato®** and **T-Maxx®**. All include a 5.8" length each of blue and black heat-shrink tubing.



INTC1922	C22904 Braided Fuel Line Traxxas Jato.....	7.99	7.59
INTC1924	C22906 Braided Fuel Line HPI Savage.....	7.99	7.59
INTC1925	C22907 Braided Fuel Line Traxxas T-Maxx.....	7.99	7.59
INTC1926	C22908 Braided Fuel Line Traxxas Revo.....	7.99	7.59
INTC6480	C22935 Braided Fuel Line HPI Savage-X.....	7.99	7.59

## KLOTZ OIL

Biodegradable original **Techniplate** (KL-200) is ideal for all gas and glow fuels. **Super Techniplate** (KL-100) is a blend of 80% Original Techniplate with 20% **BeNOL Racing Castor Oil** (BC-175) – the ultimate in 2-stroke lubrication, recommended for fully modified racing engines. **RC Modelube** (KL-310) protects gas engines against rust and corrosion for faster, easier starts.



KSFP0100	KL-100 Super Techniplate Oil Quart.....	12.02	11.19
KSFP0200	KL-200 Techniplate Oil Quart.....	12.02	11.19
KSFP0310	KL-310 Gas RC Modelube 16 oz.....	7.57	7.19
KSFP1175	BC-175 BeNOL 2-Stroke Castor Oil Pint....	7.76	7.39

## MDW SUPER\*DRI® SMOKE OIL

- Clear in the jug — dense and long-lasting in the sky.
- Pure white smoke with lasting effects

Write your name across the sky with Super\*Dri! Clear, foam-safe and compatible with electric fuel pumps, Super\*Dri requires no special handling and creates clouds of dense, long-lasting smoke time after time. And since it's also non-volatile, you pay no haz-mat charge! Designed for use with gasoline-type fuel tank and plumbing.



MDWP1010	Super Dri Smoke Oil 1 Gallon.....	24.00	23.99
MDWP1010	Super Dri Smoke Oil 5 Gallon.....	94.00	89.99

## PARMA® SPEED SCENTS

Count on Parma Speed Scents to take the "phev" out of your fuel! Great for nitro cars, trucks, planes and helis, each specially formulated scent additive can also be used in gas lawn mowers, weed eaters, go-carts, mini-bikes and more. One 1 fl. oz. bottle treats 1-2 gallons of fuel.



		RETAIL	TOWER
PARC8060	8060 Speed Scent Gonzo Grape.....	5.99	5.69
PARC8061	8061 Speed Scent Smokin Coconut.....	5.99	5.69
PARC8063	8063 Speed Scent Cherry.....	5.99	5.69
PARC8064	8064 Speed Scent Bubblegum.....	5.99	5.69
PARC8071	8071 Speed Scent Outrageous Orange.....	5.99	5.69
PARC8072	8072 Speed Scent Banzai Banana.....	5.99	5.69
PARC8073	8073 Speed Scent Blazin Blueberry.....	5.99	5.69
PARC8074	8074 Speed Scent Very Vanilla.....	5.99	5.69
PARC8075	8075 Speed Scent Super Strawberry.....	5.99	5.69
PARC8076	8076 Speed Scent Insane Cinnamon.....	5.99	5.69

## PERRY PUMPS

With a Perry Pump, you can depend on consistent performance and a constant flow of fuel, regardless of altitude, tank position or fuel level. Designed for 2-stroke, .15-3.0 engines, the **Regulating Pump** (VP30) maintains pressure at a constant .25 psi and eliminates rich/lean runs entirely. The **Oscillating Pump** (VP20) for 4-strokes mounts on the crankcase and uses engine vibration to ensure fuel delivery. Mounting plate included. For glow fuel use only. See [www.towerhobbies.com](http://www.towerhobbies.com) for requirements.



PERG4600	VP30 Pump Regulator.....	41.95	29.99
PERG7000	VP20 Oscillating Pump.....	39.95	29.99

## RAM LOW FUEL LIGHT MONITOR

Always know when fuel is running out with this bright, easy-to-see Low Fuel Light Monitor! Mount this 1/2 ounce device on your model and it turns on to tell you when you're low on fuel – even during fly-bys or hovers. Installation is quick and easy. Just plug into your receiver and drill a small hole into the fuel tank. For glow fuel only.



RAM00012	12 Low Fuel Light Glow Fuel Monitor.....	19.95	18.59
----------	--	-------	-------

## ROBERT® SUPER FUELER

When you refuel with Robert, there's no need to remove cowls or fuel lines: just attach tubing to the fuselage port and fill! Compatible with glow fuels, gasoline and smoke fluids, the Super Fueler is easy to install. Drill a hole, put the Fueler in place, attach the lines and you're ready for your first fill-up. Flip the lid and fuel can flow freely into the tank. Flip it back in place, and you're ready for takeoff.



ROB01204	204 Super Fueler.....	10.90	9.99
----------	-----------------------	-------	------

## SLIMLINE™ GLOW FUEL PUMPS & ACCESSORIES

Capable of delivering 16 oz./minute, the electric **12V Fuel Pump** is anti-siphoning and self-priming. Includes fuel/drain switch, an oversized motor and banana plugs. The all-metal **Boxer** features a space-saving cylinder shape. Both are for glow fuel only. **M4 Fueling Systems** include a universal filling nozzle and a fuel pump mounting bracket. All include fuel line and hardware. **Gas and Glow V-Tec Fuel Fittings** also available.



SLIP2020	2001 Fuel Pump 12V.....	72.99	59.99
SLIP2021	2012 M4 Manual Fueling System Alum.....	64.99	34.99
SLIP2414	2014 M4 Gas System w/Container.....	75.99	49.99
SLIP2700	2700 V-Tec Glow Fuel Fittings.....	18.99	13.29
SLIP2701	2710 V-Tec Gas Fuel Fittings.....	18.99	13.29
SLIP3007	2007 Boxer Electric Fuel Pump.....	79.99	66.99

## SULLIVAN FUEL ACCESSORIES

S752



Fast and efficient, the **Streamer** will fill or empty a 32 oz. tank in a minute! Includes an ultrasonically welded pump head and a fuel-resistant case. Designed for high-pressure, racing or bladder-type Sullivan or Du-Bro® tanks, the red **HD Aluminum Stopper** set is safe for gas or glow fuel. Also available: **Slant Tank, CT-1 and CT-P Screen Filters** and the **Gas Conversion Kit**.

		RETAIL	TOWER
SULP1752	S752 Streamer Electric Field Pump.....	17.95	16.69
SULO1439	S439 Slant Tank 8 oz.....	4.60	4.39
SULO2387	S187 CT-1 Screen Fuel Filter.....	4.50	4.29
SULO2389	S189 CT-P Screen Filter Large.....	5.70	5.49
SULO2478	S478 HD Aluminum Stopper All Fuels.....	15.32	13.99
SULO2684	S484 Gas Tank Conversion.....	5.44	5.19

## TME SMOKE PUMPS

SSP-SSD

Add smoke to any .40-giant-scale plane without soldering, complicated wiring, pressurized tanks or voiding your warranty!



Both include a geared pump w/universal radio plug, an on/off switch, check valve, T-fitting, 4' of clear yellow smoke oil tubing and 4" of neoprene tubing. **SmartSmoker** adds "Smart Prime" feature and Intelligent Flow Rate Controller for fine-tuning by transmitter. Both require spare receiver channel, 4.8-6V receiver battery, smoke oil and tank.

TMEG7000	SSP-40 Deluxe Smoke Pump System.....	89.95	84.99
TMEG7030	SSP-SSD SmartSmoker Simple Smoke Pump.....	99.95	94.99

## TRAXXAS® TOP FUEL™

- The cool complement to Traxxas' red-hot vehicles!

When you're burning up the track with a Traxxas buggy or truggy, there's only one way to defeat the heat it generates, and that's Traxxas Top Fuel. Top Fuel beats the heat with extra-generous amounts of lubricating oil to prevent damage or seizing. It's the only fuel Traxxas blends for its buggy engines, and it's the only one recommended for keeping them cool. Available in quarts and gallons.



TRAP5010	5010 Top Fuel 10% Quart.....	12.50	9.49
TRAP5020	5020 Top Fuel 20% Quart.....	15.50	11.49
TRAP5030	5030 Top Fuel 33% Racing Quart.....	18.75	14.29
TRAP5072	5070 Top Fuel 20% Gallon (4).....	180.00	124.99

## VENOM RACING® FUEL BOTTLE

Made of green plastic, Venom's fuel bottle tapers from the 3" dia. base to the top to enhance stability and minimize tip-overs. Includes a screw-on cap designed to prevent leaks and binding, a long metal spout for added reach and a tip cap to prevent spills. Big 500cc (16.9 oz.) capacity.



VNRP9912	VEN-206 Fuel Bottle w/Alloy Spout 500cc.....	7.49	5.99
----------	--	------	------

### Fuel Valves

• Neat, no-disconnect fueling!

A locking nut holds the **Kwik-Fill Fueling Valve** to the fuselage — just insert the included fueling probe to close the carb line for fast, neat refills. **Large-Scale Fueling Valves** for 1/8" and 5/32" ID tubing handle higher fuel volumes, with a plastic valve cover that prevents fuel contamination and valve fouling. The two-position **E/Z Fill Fueling Valve** fits planes up to 1.20 size, and is ideal for hard-to-get-to places such as inside cowls. All are available for glow and gas fuels.



Kwik-Fill Fueling Valve

DUBP0996	E/Z Fill Fueling Valve .....	✓	\$8.59
DUBQ0650	Kwik-Fill Fueling Valve .....	✓	14.39
DUBQ0655	Kwik-Fill Fueling Valve Gas .....	✓	15.39
DUBQ0660	Large-Scale Fuel Valve Glow .....	✓	17.99
DUBQ0661	Large-Scale Fuel Valve Gas .....	✓	18.39

### Fuel Tanks

Seamless Du-Bro tanks won't split under vibration and pressure. The machined neck and filler cap form a leakproof seal. Complete hardware includes a barbed clunk that grips tubing tight. Stopper and tubing on the 2 through 24 oz. tanks are glow fuel-proof. Gigantic 32 through 50 oz. tanks feature stopper and tubing designed for glow or gasoline use!

S24 Square Fuel Tank  
24 oz



DUBQ0202	S2 Square Fuel Tank 2 oz.....	✓	\$3.89
DUBQ0204	S4 Square Fuel Tank 4 oz.....	✓	4.29
DUBQ0206	S6 Square Fuel Tank 6 oz.....	✓	4.39
DUBQ0208	S8 Square Fuel Tank 8 oz.....	✓	4.69
DUBQ0210	S10 Square Fuel Tank 10 oz .....	✓	4.79
DUBQ0212	S12 Square Fuel Tank 12 oz .....	✓	4.99
DUBQ0214	S14 Square Fuel Tank 14 oz .....	✓	5.49
DUBQ0216	S16 Square Fuel Tank 16 oz .....	✓	5.79
DUBQ0220	S20 Square Fuel Tank 20 oz .....	✓	6.39
DUBQ0224	S24 Square Fuel Tank 24 oz .....	✓	6.69
DUBQ0230	Fuel Tank 950cc 32 oz.....	✓	9.69
DUBQ0231	Fuel Tank 1200cc 40 oz.....	✓	11.99
DUBQ0232	Fuel Tank 1500cc 50 oz.....	✓	14.69

### Kwik-Fill™ Fuel Pump

Fill your tank quickly and easily — move an ounce of fuel with only three revolutions of the crank! The pump comes complete with a filling probe, fuel cap fitting, and pickup filter, plus mounting chain and over four feet of 0.12 I.D. glow fuel tubing. Can also be used with gasoline, using Tygon tubing #506 (DUBQ0495, not included).



DUBP0911 Kwik-Fill Fuel Pump ..... ✓ \$19.99

### Fuel Filters & Accessories

Sintered bronze **Tank Filter** for clunk tanks combines a clunk and fuel cleaner. Aluminum **In-Line Fuel Filters** are lighter in weight, resist rust and are easy to install and clean. Available in natural and three anodized colors. Cylindrical design and 130-micron screen on in-line, aluminum **Final Filter** deliver twice the cleaning capacity of most filters.

In-Line Fuel Filter w/Plug



DUBC2305	In-Line Fuel Filter w/Plug.....	✓	\$3.09
DUBC2306	In-Line Fuel Filter Blue.....	✓	4.39
DUBC2307	In-Line Fuel Filter Red.....	✓	4.39
DUBC2308	In-Line Fuel Filter Purple.....	✓	4.39
DUBQ0600	Tank Filter.....	✓	2.39
DUBQ0605	Final Filter.....	✓	3.79
DUBQ0615	In-Line Fuel Filter w/Plug.....	✓	3.19
DUBQ0620	In-Line Fuel Filter Large Scale.....	✓	3.59
DUBQ0633	In-Line Fuel Filter Blue Medium.....	✓	4.39
DUBQ0634	In-Line Fuel Filter Red Medium.....	✓	4.39
DUBQ0635	In-Line Fuel Filter Purple Medium.....	✓	4.39

### Fuel Accessories

• Solid savings on all fuel system accessories.

Refill directly from your 1-gal. container by mounting the **Kwik Fill Fuel Can Fitting** to its cap. Includes filter-equipped pick-up and safety storage fitting for the fuel line. **Fillin' Station Complete** puts everything you need for fueling on your metal fuel can: a Kwik-Fill fuel pump and fitting set; fuel cap; silicone fuel tubing; tool holder, Kwik Start glow plug igniter; glow plug holder; and 4-way wrench. Also available without glow plug igniter and 4-way wrench. For use with glow fuel or gasoline (gasoline use requires Tygon tubing, not included). **Fuel Can Cap Fittings** allows fast, easy fuel pump hookups; the 8-piece set fits 1-1/4" or larger caps. Requires large size fuel tubing. **Standard and Large Fuel Clunks** are corrosion-resistant and grip tubing securely with machined barbs.



Fillin' Station Complete

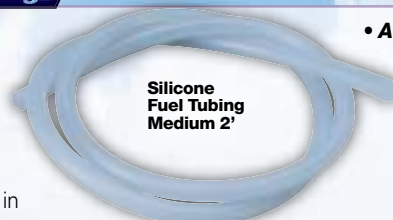
DUBP0807	Kwik-Fill Fuel Can Fitting.....	✓	\$8.59
DUBP0907	Fillin' Station Complete.....	✓	49.99
DUBP0908	Fillin' Station w/o Kwik Start & Wrench.....	✓	34.99
DUBP2192	Fuel Can Cap Fittings.....	✓	3.79
DUBP2215	Fuel Bottle 800cc.....	✓	7.39
DUBQ0637	Fuel Clunk Standard.....	✓	1.50
DUBQ0638	Fuel Clunk Large.....	✓	1.99
DUBQ0664	Fuel Line Clips Medium (4).....	✓	1.55
DUBQ0665	Fuel Line Clips Large (4).....	✓	1.55
DUBQ0670	Fuel Line Barb 1/8" I.D.....	✓	1.50
DUBQ0672	Fuel Line Barb 5/32 I.D.....	✓	1.80
DUBQ0675	Gas Conversion Stopper.....	✓	1.65

### Fuel Tubing

• Heavy-duty help for dependable fuel flow!

Flexible **Silicone** (glow fuel only) won't crack or harden. Choose S, M & L in 2' lengths, XL (5/32" ID) in 3" length, or M & L in generous spools.

Medium silicone **Nitro Line** is available in six colors in 2' lengths. **Silicone Tubing Combo** includes a 1.5' length each of red and blue medium tubing. Use **Tygon** tubing for gasoline and diesel fuels. M, L & XL are available in 3' rolls; M also comes in a 50' spool, L in a 30' spool and XL in a 25' spool. **Neoprene** tubing comes in 2' and 50' lengths for gasoline, oil, glow or diesel fuels.



Silicone Fuel Tubing Medium 2'

• Available in silicone, Tygon or Neoprene.

DUBQ0390	Silicone Fuel Tubing Small 2' .....	✓	\$1.80
DUBQ0395	Silicone Fuel Tubing Medium 2' .....	✓	2.00
DUBQ0400	Silicone Fuel Tubing Large 2' .....	✓	2.19
DUBQ0420	Silicone Fuel Tubing Medium 50' .....	✓	39.99
DUBQ0425	Silicone Fuel Tubing Large 30' .....	✓	29.99
DUBQ0426	ID Silicone Tubing 5/32 3' .....	✓	3.39
DUBQ0427	Tygon Gas Tubing X Large 3' .....	✓	5.99
DUBQ0455	Neoprene Fuel Tubing Medium 2' .....	✓	1.99
DUBQ0485	Neoprene Fuel Tubing Medium 50' .....	✓	42.99
DUBQ0486	ID Tygon Tubing 3/32 3' .....	✓	4.19
DUBQ0490	Tygon Gas Tubing Medium 50' .....	✓	59.99
DUBQ0493	ID Tygon Tubing 1/8" 3' .....	✓	4.79
DUBQ0495	Tygon Gas Tubing Large 30' .....	✓	41.99
DUBQ0892	Silicone Tubing Combo Medium 3' .....	✓	3.09
DUBQ0896	I.D. Tygon Tubing 5/32" 25' .....	✓	41.99
DUBQ0897	I.D. Silicone Tubing 5/32" 25' .....	✓	24.99
DUBQ2230	Nitro Line Yellow 2' .....	✓	2.19
DUBQ2231	Nitro Line Green 2' .....	✓	2.19
DUBQ2232	Nitro Line Orange 2' .....	✓	2.19
DUBQ2233	Nitro Line Purple 2' .....	✓	2.19
DUBQ2234	Nitro Line Red 2' .....	✓	2.19
DUBQ2235	Nitro Line Blue 2' .....	✓	2.00

### Fill It Fueling System

Suitable for glow fuel or gasoline, Fill It Fueling System works with 4 different tubing sizes: 1/16", 3/32", 1/8" and 5/32" I.D. Includes housing, 4 Fill It fuel line plugs, clunk and fuel tube for third line pick-up.



DUBQ0640 Fill It Fueling System ..... ✓ \$5.29





## C.G. MACHINE™ AIRPLANE BALANCER

■ The easy, "no-guesswork" way to correctly balance your plane to maximize performance!

■ Accepts models up to 40 lbs.

**\$27<sup>99</sup>**

GPMR2400



## ACCU-THROW™ CONTROL SURFACE DEFLECTION METER

■ Accurately measures throws before you fly.

■ Won't dent or mar your plane's finish, and provides standard and metric measurements.

**\$10<sup>99</sup>**

GPMR2405 ✓



## SLOT MACHINE™ CUTTING GUIDE

■ Holds and aligns Slot Machine blades to create perfect CA or nylon hinge pockets!

■ Adjusts to the angle of the surface — and works on control surfaces up to 1" thick!

■ Great paired with the Precision Hinge Marking Tool!

**\$3<sup>99</sup>**

GPMR4013 ✓



## MILLED FIBERGLASS

■ Mixes with epoxy to form stronger bonds!

■ Great for firewalls, landing gear blocks and other high-stress uses. 4 oz. jar.

**\$5<sup>99</sup>**

GPMR6165 ✓



## HEAT SHRINK TUBING ASSORTMENT (12)

■ Flexible tubing shrinks with a heat gun to form secure electrical connections.

■ Assortment contains 3" lengths in diameters ranging from 1/16" to 3/8".

**\$4<sup>59</sup>**

GPMM1070 ✓



## PLAN PROTECTOR™

■ Keeps plans out in plain view for instant reference, while keeping accidental spills from ruining them.

■ Generous 25" x 26" roll covers several projects.

**\$8<sup>99</sup>**

GPMR6167



## EASY-TOUCH™ HAND SANDER 5.5"

■ Made from extruded aluminum, the Easy-Touch Sander's ergonomic handle lets you sand longer without hand fatigue.

■ In addition to the 5.5" Hand Sander, Bar Sanders are available in 4 different lengths for larger sanding jobs.

**\$4<sup>99</sup>**

GPMR6169 ✓



## EASY-TOUCH™ SANDPAPER 150 GRIT

■ Adhesive-backed Sandpaper is offered in 12' rolls of 80, 150, 180 and 220 grits.

■ Order the Sandpaper Assortment for two 12-foot rolls each of 80, 150 and 220 grits.

**\$5<sup>99</sup>**

GPMR6183 ✓



## PRECISION HINGE MARKING TOOL

■ Just place the tool over the surface's edge, turn until the pivoting feet are flush against both sides, push in the steel pin and it marks the center line perfectly for bind-free hinge response.

**\$2<sup>99</sup>**

GPMR4005 ✓



## WING JIG KIT

■ Building straight wings every time is as easy as drilling a hole!

■ 1/4" steel rods provide perfect alignment of ribs, and handles panels up to 34" long.

**\$22<sup>99</sup>**

GPMR2300

Stock #	Description	Tower
GPMR4015	Slot Machine CA Hinge Blades (2) .....	<b>\$3.99</b> ✓
GPMR4016	Slot Machine Medium Nylon Hinge Blades (2) .....	<b>3.99</b> ✓
GPMR4017	Slot Machine HD Nylon Hinge Blades (2) .....	<b>3.99</b> ✓
GPMR4025	Slot Machine/Accessory Gift Pack .....	<b>29.99</b> ✓
GPMR4040	Power Plane Replacement Cutter .....	<b>5.99</b> ✓
GPMR6170	Easy-Touch Bar Sander 11" .....	<b>4.99</b> ✓

Stock #	Description	Tower
GPMR6172	Easy-Touch Bar Sander 22" .....	<b>\$7.99</b> ✓
GPMR6174	Easy-Touch Bar Sander 33" .....	<b>9.99</b> ✓
GPMR6180	Easy-Touch Sandpaper 80 Grit .....	<b>5.99</b> ✓
GPMR6184	Easy-Touch Sandpaper 180 Grit .....	<b>5.99</b> ✓
GPMR6185	Easy-Touch Sandpaper 220 Grit .....	<b>5.99</b> ✓
GPMR6189	2.25x5.5" Sandpaper Assortment .....	<b>2.99</b> ✓

For more information, see [www.towerhobbies.com](http://www.towerhobbies.com)

# Top-notch accessories for first-rate results!



**\$21<sup>99</sup>**

GPMR4010

## SLOT MACHINE™ HINGE SLOTTING TOOL

- Cuts all hinge slots for an average kit in about 30 minutes — smoothly and cleanly.
- Use the *Slot Machine Cutting Guide* with the *Precision Hinge Marking Tool* for the utmost accuracy in cutting hinges for either CA or nylon hinges!
- Hinge Blades are available separately — choose from CA and medium and heavy-duty nylon.



**\$29<sup>99</sup>**

GPMR6950

## PRO™ BUILDING BOARD 16" X 48" X 3/4"

- Sturdy, 3/4" thick boards resist warping and simplify assembly of wing panels, fuselages and tail sections.
- Choose from 12" x 24" for small projects, 16" x 36" for planes up to .40-size, and 16" x 48" for larger assembly jobs.



**\$19<sup>99</sup>**

GPMR8025

## PRECISION Z-BEND PLIERS

- Makes Z-bends at exactly the right spot in minutes — every time!
- Vinyl-covered handgrips for comfort.



## 5-PIECE METRIC BALLWRENCH SET

- Tips engage fully at angles of up to 25°! Hardened and heat-treated for long use.
- In five popular sizes: 1.27 mm, 1.5 mm, 2.0 mm, 2.5 mm and 3.0 mm.

**\$11<sup>99</sup>**

GPMR8018 ✓



**\$3<sup>49</sup>**

GPMR8035 ✓

## 4-IN-1 INSTALLATION TOOL

- A reversible, snap-on insert quickly adapts the tool for work with clevises, cup- or open-type ball ends and wing bolts.
- When not in use, the insert stores neatly inside the handle.



**\$2<sup>99</sup>**

GPMR8050 ✓

## PINDRIVER™ T-PIN PUSHER

- Inserts and removes T-pins easily and painlessly.
- Ideal for hard materials and hard-to-reach places.



**\$3<sup>99</sup>**

GPMR1054 ✓

## MEDIUM FIBERGLASS TAPE 5'

- Ideal for adding strength to surfaces.
- 1" wide, with consistent weave for smooth finishes.



**\$7<sup>99</sup>**

GPMR8130 ✓

## DEAD CENTER™ HOLE LOCATOR

- The easy-to-use, "fail-safe" way to accurately mark screw locations for engine mounts — and prevent vibration.



**\$22<sup>99</sup>**

GPMR8501

## BENCH TOPPER™ RTU (READY-TO-USE)

- It's the compact organizer that comes factory-assembled and finished — ready to end workbench clutter.
- Features three roomy drawers, tool well, CA shelf, knife blade disposal and much more.



**\$3<sup>99</sup>**

GPMR8140 ✓

## GROOVE TUBE™

- Creates perfect grooves for aileron torque rods and elevator inter-links.
- Safer than hobby knives... works without sanding.

Stock #	Description	
GPMR6190	Multi-Sander 11"	✓
GPMR6200	Easy-Touch/Sandpaper Gift Pack	✓
GPMR6946	Pro Building Board 12x24x3/4"	✓
GPMR6948	Pro Building Board 16x36x3/4"	✓
GPMR8008	6-Piece Ballwrench Set Standard	✓
GPMR8030	Clevis Installation Tool	✓

Tower
\$6.99
14.99
13.99
19.99
13.99
7.99

Stock #	Description	
GPMR8108	10-Piece Standard Tap & Drill Set	✓
GPMR8118	10-Piece Metric Tap & Drill Set	✓
GPMR8120	Tap Handle	✓
GPMR8500	Bench Topper Kit	✓
GPMR8505	Bench Topper/Accessory Gift Pack	✓
GPMR8510	Glue Caddy	✓

Tower
\$16.99
19.99
8.99
17.99
44.99
4.99

For more information, see [www.towerhobbies.com](http://www.towerhobbies.com)



# HOBBICO®

# BUILDING EQUIPMENT & TOOLS

## BUILDER'S 24" X 36" CUTTING MAT

- Reversible, 3-layer, self-healing mat with no-slip grip.
- Includes conversion table plus standard/metric rules; angle guides; star templates; dowel and wood size chart.



**\$19.99**

HCAR0456

## 60-WATT SOLDERING IRON

- Two flat chisel tips for maximum heat flow — high-quality mica heating unit for long life.
- Use with acid core or silver solder (not included).



**\$7.99**

HCAR0776 ✓

## HIGH PRECISION DIAGONAL CUTTERS

- Angled, tapering jaws reach easily into cramped corners.
- Cut electrical wire, soft metals (up to 1mm thick) and plastic parts with virtually no pinching or burring!



**\$9.99**

HCAR0630 ✓

## 2-IN-1 WIRE CUTTER/STRIPPERS (SMALL)

- Stainless-steel cutting jaws work with stranded or solid-core wire.
- One end is a wire cutter... the other, a stripper that self-adjusts to 14-26 ga. wire sizes.



**\$9.99**

HCAR0635 ✓

## CIRCLE CUTTER

- Makes cutting 10 mm to 150 mm diameter circles as simple as using a compass!
- Comes with six extra blades and two pencil leads stored in a compartment on the cutter.

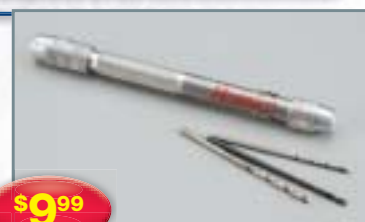


**\$5.99**

HCAR0230 ✓

## 1/8 INCH PIN VISE

- A high-quality aluminum pin vise, with a handy retainer clip and a bit storage compartment.
- Includes one #48, one #51 and one #53 drill bit.



**\$9.99**

HCAR0697 ✓

**\$11.99**

HCAR0475 ✓

## NON-SLIP 36" STRAIGHTEDGE

- Made of sturdy, 2" wide aluminum, with protective, no-slip cork backing.
- Includes standard and metric scales.



**\$6.99**

HCAR0480 ✓

## BUILDER'S TRIANGLE SET

- Set includes one 30°/60° and one 45° triangle.
- Interlocking design allows squaring in two dimensions at once.

## BUILDER'S METAL TEMPLATE SET

- Includes an "L" for square checks; small 300-600-900 triangle; and two large triangles (one 300-600-900, one 450) with cutouts at the 900 corner for angle checks at fuselage sides.
- Machined from sturdy 1/16" metal plate.



**\$4.99**

HCAR0500 ✓

## STANDARD BALL TIP HEX WRENCH SET

- Made of chrome vanadium steel, with ball ends that engage fully even at angles up to 25°.
- Includes 8 sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64" and 5/32".

**\$5.99**

HCAR0520 ✓



Stock #	Description	Tower
HCAR0453	Builder's Cutting Mat 9"x12".....	\$5.99
HCAR0454	Builder's Cutting Mat 12"x18".....	7.99
HCAR0455	Builder's Cutting Mat 18"x24".....	12.99
HCAR0521	Ball Tip Hex L Wrench Metric 7-Piece.....	5.99

Stock #	Description	Tower
HCAR0755	Hobby Heat Micro Torch II.....	\$11.99
HCAR0770	Hot Knife w/Solder Tip 25W.....	5.99
HCAR0775	Soldering Iron 30 Watt.....	6.99
HCAR0777	Soldering Iron Tips 30 Watt (3).....	3.49

For more information, see [www.towerhobbies.com](http://www.towerhobbies.com)

# Designed specifically for model assembly!

## HOBBYLITE™ FILLER

■ Fills imperfections in wood, styrofoam, or fiberglass.

■ Dries quickly and sands easily. 8 oz.

**\$4<sup>99</sup>**

HCAR3401 ✓



## FIBERGLASS CLOTH

■ Adds strength and provides a smooth surface for painting.

■ Lightweight 3/4 oz. is ideal for "glassing" an entire airplane.

**\$5<sup>49</sup>**

HCAR5000 ✓



## T-PINS 1"

■ Made of sharpened steel for strength.

■ Nickel plating resists rust and corrosion. 100 per box.

**\$2<sup>49</sup>**

HCAR5100 ✓



**\$8<sup>99</sup>**

HCAR3020



## PARTS BOX 14x9x2"

■ Organize small parts in durable, clear plastic boxes with snap-lock lids.

■ Movable partitions allow you to subdivide them into as many as 18 separate compartments.

## QUICK DRILL SET

■ Includes 1/16", 5/64", 3/32", 1/8", and 3/16" drills in a plastic storage pouch.

■ Drill handles are color-coded and size-stamped for easy reference.

**\$6<sup>99</sup>**

HCAR0699 ✓



## CURVED TIP CANOPY SCISSORS

■ Created for canopies, but can be used to "trim down" everything from car bodies to heli windshields.

■ Cut without cracking or tearing on virtually any type of plastic.

**\$10<sup>99</sup>**

HCAR0667 ✓



## MULTI-ANGLE HOBBY VISE

■ Cast aluminum vise allows projects to be rotated 360 degrees and locked at any angle.

■ Rubber-covered jaws open to 2"... C-clamp mount attaches to surfaces up to 2" thick.

**\$24<sup>99</sup>**

HCAR0680



**\$9<sup>99</sup>**

HCAR0696 ✓



## PIN VISE 1/16" COLLET WITH 6 BITS

■ Vise includes collet, clip, bits and a knurled, hollow aluminum barrel for storage.

■ Fits bit sizes #52-80.

## PRECISION 90° Z-BEND PLIERS

■ Make perfect Z-bends in wire up to 1/16" in diameter with just one squeeze.

■ Strong, box-joint construction — comfortable vinyl handles.

**\$14<sup>99</sup>**

HCAR2000



## HOBBY HEAT™ PRO TORCH II

■ Ignites with push-button ease, heats instantly to 2400° F (1300° C) and offers adjustable flame for precise control.

■ Also includes a solder tip. Requires butane lighter fluid (not included).

**\$26<sup>99</sup>**

HCAR0765 ✓



Stock #	Description	Tower
HCAR0778	Soldering Iron Tips 60 Watt (3)	\$4.49
HCAR3015	Parts Box 11x7x2" w/Adjustable Compartment	5.99
HCAR3400	HobbyLite White Filler 8 oz.	4.99
HCAR3460	Flexible Sanding Stick Set (5)	7.29

Stock #	Description	Tower
HCAR5010	Fiberglass Cloth 2 oz 1 Square Yard	\$5.49
HCAR5025	Fiberglass Cloth 5 oz 1 Square Yard	5.49
HCAR5150	Steel T-Pins 1 1/4" (100)	2.79
HCAR5200	Steel T-Pins 1 1/2" (100)	3.59

For more information, see [www.towerhobbies.com](http://www.towerhobbies.com)





## BALSA AND PLYWOOD

Make building and repairs easy and affordable.

The quality is first-rate, and you won't find better prices anywhere! Select from **Balsa Bundles** of sheets, sticks, triangles, aileron stock (tapered to a 1/16" edge) or blocks. Handy **Balsa Sheet Assortment** is ideal for wing sheeting, laminating and general construction. Use the 34-piece **Balsa Stick Assortment** to build fuselage stringers, wing spars and cross-bracing. **Box-A-Balsa** is a deluxe assortment of balsa and plywood in popular sizes. Individual 6"x12" sheets of **Plywood** are available in 1/32", 1/6", 1/8" or 1/4" widths.



Stock #	Sheet Size	Bundle Qty.	Retail	Tower
TOWR1305	1/16x3x30"	10	\$5.90	\$5.49
TOWR1310	1/16x3x36"	16	10.99	9.99
TOWR1315	1/16x4x36"	16	16.90	13.99
TOWR1330	3/32x3x30"	10	6.90	6.59
TOWR1335	3/32x3x36"	12	9.90	9.59
TOWR1340	3/32x4x36"	12	16.00	14.99
TOWR1355	1/8x3x36"	8	8.40	7.79
TOWR1360	1/8x4x36"	8	11.60	11.29
TOWR1375	3/16x3x36"	8	12.00	9.99
TOWR1380	3/16x4x36"	8	14.90	13.99
TOWR1395	1/4x3x36"	8	12.90	11.99
TOWR1400	1/4x4x36"	8	18.80	17.49
TOWR1415	3/8x3x36"	4	9.00	7.99
TOWR1420	3/8x4x36"	4	10.80	9.99
TOWR1435	1/2x3x36"	4	10.00	9.49
TOWR1440	1/2x4x36"	4	18.00	16.99
Stick Size				
TOWR1500	1/8x1/8x36"	30	4.90	4.49
TOWR1505	1/8x1/4x36"	20	5.00	4.49

Stock #	Stick Size	Bundle Qty.	Retail	Tower
TOWR1510	3/16x3/16x36"	20	\$4.60	\$3.89
TOWR1515	3/16x3/8x36"	20	6.40	6.19
TOWR1520	1/4x1/4x36"	16	5.80	4.99
TOWR1525	1/4x3/8x36"	16	6.90	5.99
TOWR1530	1/4x1/2x36"	16	6.90	5.99
TOWR1535	3/8x3/8x36"	12	6.40	5.99
TOWR1540	3/8x1/2x36"	12	8.00	6.49
TOWR1545	3/8x3/4x36"	8	5.80	5.29
TOWR1550	1/2x1/2x36"	8	5.80	5.29
TOWR1555	1/2x3/4x36"	6	6.40	5.49
TOWR1560	1/2x1x36"	4	9.00	8.99
Triangles				
TOWR1650	1/4x1/4x36"	8	3.90	2.99
TOWR1655	3/8x3/8x36"	8	6.00	4.49
TOWR1660	1/2x1/2x36"	8	6.50	4.99
TOWR1665	3/4x3/4x36"	6	7.00	5.49
TOWR1670	1x1x36"	4	5.20	4.49
Aileron Stock				
TOWR1750	1/4x1x36"	4	8.00	6.99

Stock #	Aileron Stock	Bundle Qty.	Retail	Tower
TOWR1755	1/4x1-1/4x36"	4	\$9.00	\$7.99
TOWR1760	1/4x1-1/2x36"	4	6.00	5.49
TOWR1765	5/16x1x36"	4	5.80	4.99
TOWR1770	5/16x1-1/4x36"	4	7.00	6.49
TOWR1775	5/16x1-1/2x36"	4	8.20	7.99
TOWR1780	3/8x1-1/4x36"	4	10.00	8.99
TOWR1785	3/8x1-1/2x36"	4	8.00	7.99
Blocks				
TOWR1850	1x2x30"	1	4.20	3.49
TOWR1855	1x3x30"	1	5.50	4.49
TOWR1860	2x2x30"	1	5.80	4.99
TOWR1865	2x3x30"	1	7.00	5.99
TOWR1870	3x3x30"	1	9.00	7.99
Plywood				
TOWR1900	1/32x6x12"	1	1.99	1.79
TOWR1905	1/16x6x12"	1	1.99	1.79
TOWR1910	1/8x6x12" 5 ply	1	2.99	2.29
TOWR1920	1/4x6x12"	1	2.59	1.99

### Box-A-Balsa



Box-A-Balsa is a deluxe assortment of balsa and plywood in popular sizes. Each piece is uniform in quality, color, weight and hardness.

Stock #	Description	Tower
TOWR2000	Box-A-Balsa Assortment (46 Pieces)	\$29.99

## BALSA ASSORTMENTS



Balsa Sheet Assortment is a handy assortment of balsa sheets for wing sheeting, laminating and general construction.

Stock #	Description	Tower
TOWR2010	Balsa Sheet Assortment (20 Sheets)	\$17.99

### Balsa Sheet Assortment

Sizes (In)	Qty
1/4x3x36	3
3/8x3x36	1
1/2x3x36	1
1/16x3x36	4
3/32x3x36	4
1/8x3x36	4
3/16x3x36	3



Ideal for making fuselage stringers, wing spars and cross-bracing, Balsa Stick Assortment includes 34 balsa sticks.

Stock #	Description	Tower
TOWR2020	Balsa Stick Assortment (34 Sticks)	\$9.99

### Balsa Stick Assortment

Sizes (In)	Qty
1/8x1/8x36	4
1/8x1/4x36	4
3/16x3/16x36	4
3/16x3/8x36	4
1/4x1/4x36	4
1/4x3/8x36	4
1/4x1/2x36	4
3/8x3/8x36	4
1/2x1/2x36	2



## KNIFE HANDLE & BLADES

Hardened, carbon-steel #11 Blades fit virtually any hobby knife, with a tapered, angled tip ideal for cramped quarters and precision cutting. Available in a 5-blade tube or economical 100-count box. Individually wrapped **Single-Edge Blades** have a steel-reinforced spine. Light, aluminum **Blade Handle** features a knurled, no-slip grip for precision control and a threaded head and chuck for easy blade changes. Safety cap and one #11 blade included.



Stock #	Description	Retail	Tower
TOWR1000	#11 Blades (100)	\$24.99	\$13.99
TOWR1005	Single Edge Blades (100)	10.99	7.99
TOWR1010	#1 Blade Handle w/#11 Blade & Cap	2.49	1.99
TOWR1015	#11 Blades (5)	1.99	1.79



## TC-950 SOLDERING STATION

At home or at the track or field, the TC-950 Soldering Station is the right tool for many jobs. Superior electronics ensure long-lasting performance; the slender, insulated handle provides comfortable control. It heats up quickly to the selected temperature within a wide 392-896°F range, and holds that setting within 1.8°F while idle. Two tips are included: a chisel point that increases surface contact for stronger joints, and a pencil tip for precise applications.



Stock #	Description	Retail	Tower
TCPR0950	TC-950 Soldering Station	\$119.99	\$79.99

## TOP FLITE® MICROBALLOONS FILLER

Ultra-light extender makes epoxy or polyester resins lighter and more sandable. Ideal for joints and fillets, or surfacing over imperfections in woodgrain and fiberglass cloth. 8 fl. oz.



Stock #	Description	Tower
TOPR1090	Microballoons Filler	\$4.99



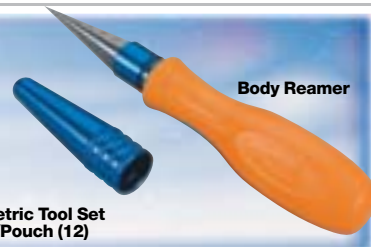
## TOOLS

• Made by a pro, for professional-level results.

Designed by Steve O'Donnell, all tools include: heat-treated, precision-ground, steel tips for a rust-proof, proper fit; strong, stepped, extra-long shanks for easy fastener access; and comfortable handles molded in unmistakable O'Donnell orange. Every tool's size is laser-engraved onto its handle for easy identification. A **14-Pocket Tool Pouch** is also available separately. See [www.towerhobbies.com](http://www.towerhobbies.com) for more details.



Metric Tool Set w/Pouch (12)



Body Reamer

Stock #	Description	Retail	Tower
ODOR2005	Hex Driver Set Metric (4)	\$59.99	\$42.99
ODOR2015	Hex Driver Set SAE (3)	44.99	31.99
ODOR2035	Nut Driver Set Metric (3)	49.99	39.99
ODOR2045	Nut Driver Set SAE (4)	64.99	54.99
ODOR2055	Screwdriver Set (4)	59.99	42.99
ODOR2060	Body Reamer	29.99	22.99
ODOR2070	Metric Tool Set w/Pouch (12)	189.99	139.99
ODOR2071	SAE Tool Set w/Pouch (12)	189.99	139.99
ODOR2075	Tool Pouch 14 Pocket	17.99	13.99

## BITS, TIPS, CUTTERS & BANDS

Enjoy professional-looking results on all your projects with Dremel accessories! **Sander Bands** come in different widths and grits, while the **Diamond Wheel** is ideal for cutting, sawing and carving hard materials. It's designed for durability and won't break or lose its shape. Reinforced with fiberglass, the 1-1/4" **Cut-off Wheel** goes through even hardened steel.



DRER0002	Alum Oxide Grind Stone 3/16" ....	✓ \$2.89	DRER1275	Drum Sander 1/2" .....	✓ \$3.89
DRER0070	Sandpaper Paper/Wood 60/120/240 Multi Max .....	✓ 6.29	DRER1280	Sander Bands Coarse (6) .....	✓ 2.89
DRER0071	Sandpaper Paper/Paint 800/120/240 Multi Max .....	✓ 6.29	DRER1285	Sander Bands Fine (6) .....	✓ 2.89
DRER0072	Hook & Loop Pad Multi Max .....	✓ 10.19	DRER1290	Sanding Disc Coarse (36) .....	✓ 3.19
DRER0073	Wood Flush Cut Blade 3/8" Multi Max .....	✓ 11.79	DRER1295	Sanding Disc Medium (36) .....	✓ 3.19
DRER0074	Wood & Drywall Saw Blade Multi Max .....	✓ 10.19	DRER1300	Sanding Disc Fine (36) .....	✓ 3.19
DRER0453	5/32" Chain Saw Sharpening Stone .....	✓ 4.99	DRER1310	Polishing Bit Mandrel .....	✓ 2.89
DRER0454	Chain Saw Sharpening Stone 3/16" .....	✓ 4.99	DRER1315	Sanding Disc Mandrel .....	✓ 2.89
DRER0456	1-1/2" Cut-Off Wheel (10) .....	✓ 17.99	DRER1320	Screw Mandrel .....	✓ 2.89
DRER0461	Rubber Polishing Cylinder 1/4" .....	✓ 2.89	DRER1326	Cut-Off Wheel .025" (36) .....	✓ 5.69
DRER0462	Rubber Polishing Cone 1/4" .....	✓ 2.89	DRER1330	Heavy Duty Cut-Off Wheel (20) .....	✓ 5.99
DRER0500	Alum Oxide Abrasive Wheel .....	✓ 6.19	DRER1335	Fiberglass Hvy Dty Cut-Off Whl (5) .....	✓ 7.99
DRER0520	Polishing Wheel .....	✓ 3.29	DRER1336	Cut-Off Wheel 1-1/4" (5) .....	✓ 4.19
DRER0546	1-1/4" Rip/Cross Cut Blade .....	✓ 8.39	DRER1340	Cleaner/Polish Brush Wire 3/4" .....	✓ 2.89
DRER0561	Spiral Cutting Bit .....	✓ 4.19	DRER1345	Cleaner/Polish Brush Wire 1/2" .....	✓ 2.89
DRER0911	Alum Oxide Grinding Stone 7/16" .....	✓ 2.89	DRER1350	Cleaner/Polish Brush Wire 1/8" .....	✓ 2.89
DRER0941	Aluminum Oxide Grinding Stone 5/8" .....	✓ 2.89	DRER1355	Polishing Compound .....	✓ 2.89
DRER0952	Pin End Blade 5" 18.5TPI (5) .....	✓ 4.29	DRER1360	Polishing Cone/Tip 3/8" Felt .....	✓ 2.89
DRER0954	Alum Oxide Grinding Stone 1/4" .....	✓ 2.89	DRER1365	Polishing Wheel 7/8" .....	✓ 2.89
DRER0965	Drum Sander-Coarse 1/4" .....	✓ 3.89	DRER1370	Polishing Point .....	✓ 2.89
DRER0966	Sander Bands-Coarse 1/4" .....	✓ 2.89	DRER1375	Polishing Wheel 1" Felt .....	✓ 2.89
DRER0967	Sander Bands-Fine 1/4" .....	✓ 2.89	DRER1380	Polishing Wheel 1/2" Felt (6) .....	✓ 2.89
DRER0968	Drum Sander-Coarse 3/8" .....	✓ 3.89	DRER1395	Chuck Collet 1/32" .....	✓ 2.89
DRER0969	Sander Bands-Coarse 3/8" .....	✓ 2.89	DRER1410	Chuck Collet 1/16" .....	✓ 2.89
DRER0970	Sander Bands-Fine 3/8" .....	✓ 2.89	DRER1420	Chuck Collet 1/8" .....	✓ 2.89
DRER1002	Drill Bits 1/32" .....	✓ 5.49	DRER1435	Chuck Collet 1/8" .....	✓ 2.89
DRER1004	Drill Bits 3/64" .....	✓ 5.49	DRER1505	Flapwheel 3/16" 120 Grit .....	✓ 6.99
DRER1005	Engraving Cutter 1/32" .....	✓ 2.89	DRER1545	Diamond Wheel .....	✓ 18.99
DRER1006	Engraving Cutter 1/16" .....	✓ 2.89	DRER1550	Stainless Steel Brush Wheel .....	✓ 3.79
DRER1007	Engraving Cutter 3/32" .....	✓ 2.89	DRER1551	Stainless Steel Brush Cup .....	✓ 3.79
DRER1008	Engraving Cutter 1/32" .....	✓ 2.89	DRER1552	Stainless Steel Brush End .....	✓ 3.79
DRER1009	Engraving Cutter 1/16" .....	✓ 2.89	DRER1553	Brass Brush Wheel .....	✓ 3.79
DRER1010	Engraving Cutter 5/64" .....	✓ 2.89	DRER1554	Brass Brush Cup .....	✓ 3.79
DRER1011	Engraving Cutter 1/32" .....	✓ 2.89	DRER1555	Brass Brush End .....	✓ 3.79
DRER1012	Engraving Cutter 3/64" .....	✓ 2.89	DRER1650	Routing Bit Straight 1/8" .....	✓ 8.29
DRER1013	Engraving Cutter 1/16" .....	✓ 2.89	DRER1652	Routing Bit Straight 3/16" .....	✓ 8.29
DRER1100	High-Speed Steel Cutter 1/4" .....	✓ 5.59	DRER1654	Routing Bit Straight 1/4" .....	✓ 8.29
DRER1114	High-Speed Steel Cutter 5/16" .....	✓ 5.59	DRER1655	Keyhole Router Bit .....	✓ 9.69
DRER1115	High-Speed Steel Cutter 5/16" .....	✓ 5.59	DRER1989	Fine Blades (5) .....	✓ 2.89
DRER1116	High-Speed Steel Cutter 1/4" .....	✓ 5.59	DRER1990	Course Blades (5) .....	✓ 3.09
DRER1117	High-Speed Steel Cutter 1/4" .....	✓ 5.59	DRER2081	Tungsten Cutter Taper .....	✓ 14.49
DRER1118	High-Speed Steel Cutter 1/8" .....	✓ 5.59	DRER2082	Tungsten Cutter Ball Nose .....	✓ 14.49
DRER1121	High-Speed Steel Cutter 1/4" .....	✓ 5.59	DRER2083	Tungsten Cutter Cylinder .....	✓ 14.49
DRER1124	High-Speed Steel Cutter 5/16" .....	✓ 5.59	DRER2170	Silicone Grinding Stone 9/32" .....	✓ 2.89
DRER1134	High-Speed Steel Cutter 1/4" .....	✓ 5.59	DRER2175	Silicone Grinding Stone 1/8" .....	✓ 2.89
DRER1144	High-Speed Steel Cutter 5/16" .....	✓ 5.59	DRER2185	Silicone Grinding Stone 1/8" .....	✓ 2.89
DRER1190	High-Speed Steel Cutter 3/32" .....	✓ 5.59	DRER2200	Silicone Grinding Stone 3/16" .....	✓ 2.89
DRER1191	High-Speed Steel Cutter 1/4" .....	✓ 5.59	DRER2210	Silicone Grinding Stone 25/32" .....	✓ 3.99
DRER1192	High-Speed Steel Cutter 3/16" .....	✓ 5.59	DRER2299	Carbon Brush 275/285/395 .....	✓ 3.99
DRER1193	High-Speed Steel Cutter 5/64" .....	✓ 5.59	DRER2300	Carbon Brush Type 3/4/5 .....	✓ 3.99
DRER1194	High-Speed Steel Cutter 1/8" .....	✓ 5.59	DRER2502	Flapwheel 3/8" 80 Grit .....	✓ 6.99
DRER1196	High-Speed Steel Cutter 7/32" .....	✓ 5.59	DRER2503	Flapwheel 3/8" 120 Grit .....	✓ 6.99
DRER1198	High-Speed Steel Cutter 9/32" .....	✓ 5.59	DRER2618	Chamfer Router Bit 45° .....	✓ 9.59
DRER1199	High-Speed Steel Cutter 3/8" .....	✓ 5.59	DRER7103	Diamond Ball Point .07 3/32" .....	✓ 6.39
DRER1207	Alum Oxide Grinding Stone 1/2" .....	✓ 2.89	DRER7105	Diamond Ball Point .08 3/32" .....	✓ 11.19
DRER1211	Alum Oxide Grinding Stone 3/8" .....	✓ 2.89	DRER7123	Diamond Cylinder Pnt .18 3/32" .....	✓ 11.19
DRER1215	Alum Oxide Grinding Stone 3/8" .....	✓ 2.89	DRER7134	Diamond Taper Point .08 3/32" .....	✓ 6.39
DRER1216	Alum Oxide Grinding Stone 1/4" .....	✓ 2.89	DRER7144	Diamond Taper Point .09 3/32" .....	✓ 6.39
DRER1227	Alum Oxide Grinding Stone 1/8" .....	✓ 2.89	DRER8153	Alum Oxide Grinding Stone 3/16" .....	✓ 2.89
DRER1260	Cleaner/Polish Brush Bristle 3/4" .....	✓ 2.89	DRER8175	Alum Oxide Grinding Stone 3/8" .....	✓ 2.89
DRER1265	Cleaner/Polish Brush Bristle 1/2" .....	✓ 2.89	DRER8193	Alum Oxide Grinding Stone 5/8" .....	✓ 2.89
DRER1270	Cleaner/Polish Brush Bristle 1/2" .....	✓ 2.89	DRER8215	Alum Oxide Grinding Stone 1" .....	✓ 2.89

## TIP MULTI-PACKS

Choose from specialized sets, or go with the 52-piece **General Purpose Set** with tools for cutting, grinding, sanding, polishing and more.



DRER0565	Multi-Purpose Cutting Kit .....	✓ \$18.79
DRER0698	Accessory Kit (150) .....	✓ 26.99
DRER0700	Accessory Kit (185) .....	✓ 39.99
DRER0703	Accessory Kit (75) .....	✓ 16.39
DRER1000	7-Piece Drill Bit Set .....	✓ 8.99
DRER1684	20-Piece Cleaning Polish Set .....	✓ 15.39
DRER1686	31-Piece Sanding Grinding Set .....	✓ 15.39
DRER1687	General Purpose Set (52) .....	✓ 15.39
DRER1688	Cutting Kit (69) .....	✓ 15.39

Accessory Kit (185)

## ROTARY TOOLS

10.8V Li-Ion Cordless Rotary Tool



## DREMEL®



Thanks to cutting-edge Li-Ion technology, the 10.8V **Cordless Rotary Tool** is the first to offer cordless convenience with corded rotary tool performance! The **Variable Speed MultiPro** rotary tool lets you tailor motor speed from 5,000 to 30,000 rpm to handle any application or material. The **MultiPro Super Kit** includes the MultiPro, 72-piece accessory assortment and a Flex Shaft. You'll complete a wide range of projects with precision and control using the **300 Series VS Rotary Tool**, while the patented nose tip control and ergonomic pistol grip design of the **Stylus** makes quick work of all kinds of model and household jobs.

DRER0304	300 Series VS Rotary Tool .....	✓ \$84.99	DRER0558	MultiPro 2 Speed Cordless Tool .....	✓ \$64.99
DRER0507	Moto Tool Single Speed .....	✓ 49.99	DRER0560	10.8V Li-Ion Cordless Rotary Tool .....	✓ 109.99
DRER0550	Rotary Tool Variable Speed .....	✓ 79.99	DRER0628	MultiPro Variable Spd Kit Rotary Tool .....	✓ 113.99
DRER0552	6V MiniMite Cordless Rotary Tool .....	✓ 29.99	DRER0661	MultiPro Variable Speed Super Kit .....	✓ 124.99
DRER0553	MiniMITE Cordless Rotary Tool .....	✓ 36.99	DRER0666	Stylus Tool .....	✓ 101.99
DRER0554	Multi-Max Tool .....	✓ 129.99			

## TOOL ACCESSORIES

The **Work Station™** is a drill press, tool holder and flex shaft holder all in one! The articulating drill press drills perpendicular and angled holes in 15° increments, and the tool holder holds a tool at 90° horizontal for polishing, sanding and grinding. Hard-to-reach areas become instantly accessible with the **Right Angle Drive**, and the **MultiPro Keyless Chuck** lets you quickly and easily change accessory bits without changing collets. The **Multi-Vise's** ball-and-socket design allows it to rotate 360° and tilt up to 50°.



DRER0220	Drill Press and Work Station .....	✓ \$49.99	DRER0825	Flex Shaft .....	✓ \$33.99
DRER0335	Plunge Router Attachment .....	✓ 33.99	DRER0829	Flex Shaft Tool Stand .....	✓ 26.99
DRER0400	XPR MultiSaw Attachment .....	✓ 36.99	DRER0926	Quick Change Nut/Collet .....	✓ 7.69
DRER0670	Mini Saw Attachment .....	✓ 29.99	DRER1575	Right Angle Drive .....	✓ 27.99
DRER0677	Rotary Tool .....	✓ 15.19	DRER2500	Multi-Vise .....	✓ 39.99
DRER0705	Dremelite Attachment .....	✓ 39.99	DRER4000	FlexLite .....	✓ 21.19
	Shaper Table .....		DRER4486	MultiPro Keyless Chuck .....	✓ 11.39

## ROTARY TOOL BATTERIES

Drop in a **4.8V NiCd** pack to get dependable performance for your MiniMite cordless rotary tool. For powering a MultiPro through light duty precision jobs count on the **7.2V NiCd** battery.

DREP0755	Mini Mite 4.8V Battery Pack .....	✓ \$20.99
DREP0757	Mini Mite 4.8V 700mAh Battery Pack .....	✓ 20.99
DREP7571	MultiPro 7.2V Battery Pack .....	✓ 26.99

## MISCELLANEOUS TOOLS

Dual temp settings and a work light make using the 80W **Glue Gun** a breeze. Personalize valuables with the **Engraver Kit**, or tackle lots of soldering and burning jobs with the **VersaTip™ Plus Heated Tool Kit**.



DRER0706	Glue Gun 80 Watts .....	✓ \$29.99
DRER2550	VersaTip Plus Tool Kit .....	✓ 28.99
DRER2590	Electric Engraver Kit .....	✓ 25.29

## EZ LOCK TOOLS

EZ Lock makes accessory changes as simple as pull-twist-release, with a variety of attachments available for tackling all types of cutting projects.

Starter Kit



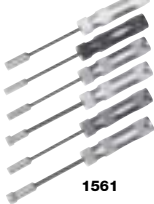
DRER4926	Starter Kit .....	✓ \$16.69
DRER4927	Cut-Off Wheel 1-1/2" (5) .....	✓ 10.99
DRER4928	Cut-Off Wheel 1-1/2" (12) .....	✓ 23.29
DRER4929	Cut-Off Wheel 1-1/2" (5) .....	✓ 10.99
DRER4930	Mandrel .....	✓ 9.39
DRER4931	Polishing Cloth .....	✓ 3.69
DRER4932	Abrasive Wheels (2) .....	✓ 4.69
DRER4933	Abrasive Wheels Fine (2) .....	✓ 4.89
DRER4934	Cutting Kit (11) .....	✓ 23.69
DRER4935	Thin Reinforced Cutting Wheel .....	✓ 10.49
DRER4936	Carbide Cutting Wheel .....	✓ 16.69
DRER4937	Diamond Wheel .....	✓ 22.69
DRER4938	Detail Abrasive Brush 36 Grit Coarse .....	✓ 7.99
DRER4939	Detail Abrasive Brush 120 Grit Med .....	✓ 7.99
DRER4940	Detail Abrasive Brush 220 Grit Fine .....	✓ 7.99



# BUILDING EQUIPMENT & TOOLS

## ASSOCIATED FACTORY TEAM TOOLS

**Ball Hex Wrench, Hex Driver and Nut Driver Sets** feature durable, strong steel shafts that are secured to the handle with a set screw. All are color-coded, with knurled aluminum handles for great gripping. **Turnbuckle Wrench** for the Monster GT features a contoured handle for easy adjustments, while black plastic **Molded Team Tools** are ideal for installing nuts, adjusting turnbuckles and installing/removing shock caps.



		RETAIL	TOWER
ASCR1111	1111 Aluminum Turnbuckle Wrench.....	5.99	5.69
ASCR1541	1541 Hex Driver Set.....	59.99	49.99
ASCR1561	1561 Nut Driver Set.....	69.99	58.99
ASCR1592	1592 Ball Hex Wrench Set.....	33.99	29.99
ASCR6956	6956 Molded Team Tools.....	4.50	4.29

## AXIAL TOOLS

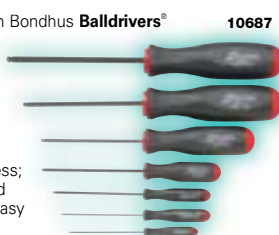
Made of machined anodized aluminum, the handy **Flywheel Remover Tool** is designed for easy engine maintenance. Fits most flywheels currently available. **Metric and Standard Hex Driver Sets** include five color-coded drivers, all with laser-etched sizes for easy reference.



AXIR2006	AX20006 Flywheel Remover Tool.....	35.00	29.99
AXIR2008	AX20008 Metric Hex Driver Set.....	70.00	58.99
AXIR2009	AX20009 Standard Hex Driver Set.....	73.00	59.99

## BONDHUS® HEX SETS & L-WRENCHES

Patented ball design on Bondhus **Balldrivers®** engages to full depth, even at work angles up to 25° — ideal for “blind” or cramped installations. They’re made of cold-drawn tool steel that’s heat-treated for hardness; handles are color-coded and size-stamped for easy identification. Hex sets available in standard and metric sizes. Also available: Protanium® steel standard, metric and standard/metric **Balldriver L-Wrench Sets**.



BONR1205	10632 8-Piece Balldriver Hex Set Std.....	22.25	19.99
BONR1210	10686 6-Piece Balldriver Hex Set Metric.....	19.20	17.99
BONR1215	10687 7-Piece Balldriver Hex Set Metric.....	21.40	19.29
BONR1510	10946 6-Piece Balldriver L-Wrench Metric.....	6.60	6.29
BONR1520	10932 8-Piece Balldriver L-Wrench Std.....	8.05	7.69
BONR1521	10999 9pc Balldriver L-Wrench Set Metric.....	14.50	13.49
BONR1530	10938 10pc Balldriver L-Wrenches Std.....	11.15	10.39
BONR1531	20399 22pc Balldriver L Wrench Set Mtrc/Std.....	41.50	35.99

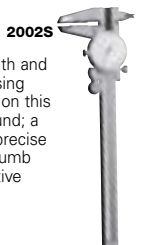
## BRU LINE® HEMOSTATS

Ideal for handling electronics or doing rigging work, Bru Line Hemostats also extend your reach for easy access into cramped cowl and other areas. Handles also lock together, so they can be used as a clamp for gluing or holding small parts. Stainless steel construction.

BRUR1302	302 Hemostat Straight 5-1/2".....	6.95	6.69
BRUR1303	303 Hemostat Curved 5-1/2".....	6.95	6.69

## TEAM COBRA BUILDING EQUIPMENT & TOOLS

Measure comms, rims, tires, shock length and more with accuracy — and economy — using **Metal Dial Calipers!** The 4" main scale on this stainless steel tool is hardened and ground; a dial takes accuracy down to 0.002" for precise work — and adjusts with a convenient thumb roll for ease and speed. Includes protective pouch. 8" x 12" Graphite and 8" x 15" Fiberglass Sheets also available.



C+MC9204	8202 G-10 Fiberglass 8x15" .125.....	35.95	31.99
C+MR2003	20025 Metal Dial Calipers w/Pouch.....	46.00	39.99
C+MR8301	8301 Graphite Sheet 8x12" .084.....	66.00	54.99

## DAVE BROWN CARBON FIBER

• **Spectacular strength — unbelievable lightness.**

Hair-fine and feather-light, carbon fiber can triple the strength of high-stress structures and extend the life of your model. To use, apply to both sides of foam wings, wing spars, fuselages and formers with epoxy or CA before sheeting or finishing. **Carbon Fiber Tape** comes in individual fibers for small-area use; **Carbon Fiber Strip** bonds fibers to a 1/2"-wide tape for easier application.



		RETAIL	TOWER
DAVR2000	5220 Carbon Fiber Tape 12".....	4.95	4.79
DAVR2030	5230 Carbon Fiber Strip 5.5".....	6.95	6.69

## DAVIS DIESEL POCKET DRILL

• **Hollow handle also serves as safe storage.**



It's a tool and storage container all in one, and an easy answer to fine drilling jobs. Its knurled cap, collet and barrel provide firm footing for fingers; lightweight aluminum construction makes it light and easy in the hand. A cap at one end unscrews to allow storage of unused bits in the hollow handle; a 4-jawed steel locking collet on the other end anchors bits with authority. Includes 12 bits ranging in size from 0.024"-0.063".

DDDR1000	PDS12 Pocket Drill w/12 Bits.....	15.95	14.99
----------	-----------------------------------	-------	-------

## DU-BRO® BUILDING EQUIPMENT

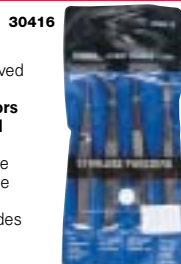
Build it fast, make it last with Du-Bro tools! Ideal for air and fuel lines, **Tubing Benders** (785, 786) shape aluminum and annealed brass tubing without crushing or kinking. **Taps & Drills** are available in metric or SAE sizes, as are **Ball Wrench** and **Ball Driver** sets. **Hinge Slotter Kit** includes a centering tool for stock up to 3/4" thick, plus a “picker” and 3 slotting forks (mini, standard and heavy-duty). Steel **T-Style Tap Handle** accepts taps from 2-56 to 1/4" in size, while the **Kwik Hinge Slotter** gives you perfectly aligned slots, each time, every time! Also available: 12-pack assortment of **Heat Shrink Tubing** and three sizes of **T-Pins**.



DUBM2181	441 Assorted Heat Shrink Tubing (12).....	5.25	4.99
DUBR0500	360 Tap & Drill Set 2-56.....	7.20	6.99
DUBR0505	361 Tap & Drill Set 4-40.....	5.50	5.29
DUBR0600	509 10-Piece Tap & Drill Assorted Std.....	21.60	24.99
DUBR0610	510 10-Piece Tap & Drill Assorted Metric.....	34.50	29.99
DUBR0633	633 T-Style Tap Handle (1).....	6.90	6.59
DUBR0785	785 1/8" Tubing Bender.....	11.30	10.59
DUBR0786	786 5/32" Tubing Bender.....	14.70	13.69
DUBR1000	216 Kwik Hinge Slotter.....	3.60	3.49
DUBR1002	660 Hinge Slotter Kit.....	9.60	9.19
DUBR1167	447 Ball Wrench Set Standard (5).....	16.90	15.79
DUBR1173	453 Ball Wrench Set Metric (5).....	15.50	14.49
DUBR1195	705 6-Piece Std Ball Drivers w/Holder.....	20.30	18.29
DUBR1196	706 5-Piece Metric Ball Drivers w/Holder.....	19.30	17.99
DUBR1200	252 T-Pins 1" (100).....	3.40	3.29
DUBR1205	253 T-Pins 1/4" (100).....	3.70	3.59
DUBR1210	254 T-Pins 1-1/2" (100).....	5.40	5.19

## EXCEL TOOLS

**4-Piece Tweezer Set** includes sharp pointed, self-closing, stamp and curved tweezers in a vinyl pouch. Durable 5-1/2" stainless steel **Lexan® Scissors** are available in **Straight** and **Curved** designs. **Mitre Box & Razor Saw Set** is great for miniature work, while the **Third Hand** allows for hands-free soldering and gluing. 31-piece **Ship Modelers Set** w/storage case includes all the essential knives and tools for building perfect model ships!



EXLR0011	20011 Super Sharp #11 Blades (5).....	1.80	1.80
EXLR0416	30416 4-Piece Tweezer Set Pouch.....	17.67	13.29
EXLR4286	44286 Deluxe Knife & Tool Chest.....	54.24	40.69
EXLR4291	44291 Ship Modelers Set w/Knives.....	70.18	52.99
EXLR5533	55533 Lexan Scissors Curved 5-1/2".....	10.12	9.49
EXLR5538	55538 Lexan Scissors Straight 5-1/2".....	10.12	9.49
EXLR5601	56001 Third Hand w/Tweezer.....	16.49	12.39
EXLR5608	55608 4" Mini Needle Files (12).....	13.38	10.49
EXLR5661	55661 Pliers w/2 Collets.....	8.02	7.69
EXLR5663	55663 Small Clamp 1"x3.5" (2).....	2.99	2.89
EXLR5664	55664 Large Clamp 2" (2).....	5.61	5.39
EXLR5666	55666 Mitre Box & Razor Saw Set.....	18.16	13.69
EXLR5668	55668 6 Assorted Files w/Handle.....	14.87	11.19
EXLR5679	55679 Assorted Belts Sanding Stick (5).....	9.49	8.99
EXLR6018	16018 Grip-On Knife Asst Color.....	4.49	4.29

## FOURMOST MITER TOOLS

**Miter Sander** (154) accurately sands any angle (and its complement) in wood or plastic.

**Miter Cut** (151) turns a single edge blade into a miniature miter box for light wood and plastic. The hardened steel

**Miter Saw** (153) offers added cutting capacity.

It rides within a precision guide to assure clean, accurate edges and reproducible cuts in wood, metal and plastic.



		RETAIL	TOWER
FORR1851	151 Miter Cut.....	24.95	22.49
FORR1853	153 Miter Saw.....	24.95	22.49
FORR1854	154 Miter Sander.....	24.95	22.49

## HAYES™ CLAMPS



Fiberglass-filled nylon jaws and arms give Hayes clamps sufficient strength for home, hobby and general use.

“Rocking” jaws snap in place in seconds to permit offset clamping, clamping of non-parallel surfaces and clamping in recessed areas. They also pop out in seconds, allowing a maximum jaw opening of 1-3/8" on **Small** clamps and 4" on **Large** clamps.

HAYR1104	104 Clamp Small (2).....	2.50	2.39
HAYR1106	106 Clamp Large.....	2.00	2.00

## HIGLEY'S ACCESSORIES

**1/4-32 Glow Plug Tap** cleans fouled threads in cylinder heads, eliminating the need for expensive, time-consuming head replacement jobs.

**1/4-32 Glow Plug Die** prevents you from installing an improperly threaded plug. Held flush against the drilling surface, **Tap-N-Drill Guide Set** lines up taps and drills for perfectly perpendicular results. **Wire Bender Set** includes benders for 5/32" and 1/8" wire and a Zee Bender for 1/16" music wire.



HIGR1100	GPT014 Glow Plug Tap 1/4-32.....	7.49	7.19
HIGR1110	GPD032 Glow Plug Die 1/4-32.....	17.49	16.29
HIGR1515	TND011 Tap-N-Drill Guide Set (3).....	26.99	24.29
HIGR2151	HWB011 Benders 1/16 1/8 5/32.....	20.99	18.99

## HOUSE OF BALSA® UP-RIGHT 90° ALIGNMENT JIG

So simple, and so useful for model building. Handy 1/16", 3/32" and 1/8" slots make it easy to size stock for future use. And when you're building, the Up-Right can be used to hold parts in perfect alignment. Great for use with bulkheads, fuselage sides, wing ribs, tail surfaces and more.



HOUR0100	AC1 Up-Right 90 Deg Alignment Jig.....	1.49	1.49
----------	--	------	------

## INTEGY TOOLS

**6- and 7-Piece Ti-Nitride Hex Wrench Sets** feature

color-coded sizes for easy identification. **ProGrip Hex Wrench** and **Hex Socket Sets** include aluminum handles for great grips, while **Quick Pit Hex Wrenches** come with color-coded etched tips. Loosening the set screws in all of these sets allows you to replace their steel shafts quickly and easily. Blue anodized handles in **V-Torque Hex Wrench Sets** create comfortable rotation, while **Team Shock Shaft Pliers** are a must-have for every tool box!



INTR2230	C22301 Ti-Nitride Hex Wrench Set (6).....	29.95	26.99
INTR2346	C22346 Ti-Nitride Hex Wrench Set (7).....	39.95	35.99
INTR2353	C22353 Team Shock Shaft Maintenance Plier.....	20.99	18.99
INTR2401	C22401 ProGrip Hex Wrench Set (7).....	42.99	36.99
INTR2423	C22403RED Hex Wrench Metric Set (4).....	27.99	25.19
INTR2450	C22780 V-Torque HD Hex Wrench 7 Sizes w/Case.....	69.99	58.99
INTR2451	C22781 V-Torque Hex Wrench 7 Sizes Set.....	39.99	35.99
INTR2482	C22525RED ProGrip HD Hex Socket Set (7).....	49.99	42.99
INTR2483	C22621 QuickPit 7pc Metric Hex Wrench/Screw.....	29.99	26.99
INTR3689	C22778 Quick Pit Hex Wrench Set 7 Sizes.....	28.99	25.99

## K&S® BUILDING ACCESSORIES

### The Mighty Wire Bender & Coiler

bends solid brass rod, steel or steel music wire from 1/8"-1/4" (3-6.5 mm) in diameter, and coil wire 1/8"-3/16" (3-4.5 mm) in diameter. **Brass** tubing is available in 1/8", 3/16", 9/32", 5/32" and 5/16" sizes - 36"

**Aluminum** tubing is

available in a 1/4" size. **Threaded Dies** are available in 2-56 and 4-40 sizes - use the convenient **Die Handle** to hold them secure. Hardened for extra durability, **Music Wire** is made from strong, flex-resistant solid steel - great for building landing gear, cabin struts and more! Sold in 36" lengths. The eight most popular sizes are shown; see [www.towerhobbies.com](http://www.towerhobbies.com) for additional sizes.

		RETAIL	TOWER
K-SR0320	320 Tube Assortment.....	3.09	2.99
K-SR0520	520 Small Diameter Music Wire Asst (20)✓	10.99	10.99
K-SR1213	1213 1/8 Soft Brass Tube (10).....	9.45	8.99
K-SR1217	4178 2-56 Threaded Die.....	8.99	8.99
K-SR1219	4198 4-40 Threaded Die.....	8.99	8.99
K-SR1220	420R Die Handle.....	12.70	11.99
K-SR1306	1306 .030 Clear Sheet 9x12 (2).....	3.59	3.49
K-SR1696	296R Tubing Cutter.....	6.49	6.19
K-SR1721	321 Tubing Bender Kit.....	3.19	3.09
K-SR2030	1210 Soldering Gun.....	24.99	22.49
K-SR2627	127 1/8" Round Brass Tube (15).....	14.85	13.99
K-SR2628	128 5/32" Round Brass Tube (12).....	14.28	13.29
K-SR2629	129 3/16" Round Brass Tube (12).....	16.68	15.59
K-SR2632	132 9/32" Round Brass Tube (8).....	15.12	13.99
K-SR2813	1113 3/16" 1/4 Round Alum Tube (5).....	11.95	11.19
K-SR2851	1151 3/16" 5/16 Round Brass Tube (4).....	23.56	21.29
K-SR3307	507 1/8 Music Wire 36" (9).....	11.61	10.79
K-SR3308	508 5/32 Music Wire 36" (7).....	11.13	10.39
K-SR3309	509 3/16" Music Wire 36" (4).....	8.36	7.99
K-SR4501	504 .062 Music Wire .032x36" (20).....	8.95	8.59
K-SR4502	502 .047 Music Wire 36" (20).....	10.45	9.79
K-SR4504	504 .062 Music Wire 36" (15).....	10.45	9.79
K-SR4505	505 .078 Music Wire 36" (15).....	10.95	10.19
K-SR4506	506 3/32 Music Wire 36" (10).....	11.45	10.69
K-SR5326	326 Mighty Wire Bender & Coiler.....	27.99	25.19
K-SR6095	6095 Copper Mesh 12" x24".....	17.00	15.99

## MASTER AIRSCREW® RAZOR PLANE & STRIPPER

Cut stock up to 1/4" thick into strips up to 1/2" wide with **Balsa Stripper**.

Width adjusts 1/32" with each turn of the wheel. Includes one #11 hobby blade.

Twin blade mounting screws on **Razor Plane** hold the cutting depth you set - even after blade changes. Tough, 'glass-filled Lexan®' body and industrial-grade blade makes short work of rounding, smoothing and thinning.

MASR1500	MA4000 Balsa Stripper.....	7.35	6.99
MASR1510	MA4100 Razor Plane.....	7.35	6.99
MASR1520	MA4101 Razor Plane Blades (3).....	1.99	1.99

## MIDWEST EASY CUTTER ULTIMATE

The Easy Cutter Ultimate is a valuable tool for many building projects.

Features hardened steel construction and thick blue no-slip rubber grips. Its adjustable miter fence easily cuts 45°, 60°, 75°, 90°, 105°, 120° and 135° angles. Easy

Cutter will cut stripwood up to 1/2" thick and includes built-in bottle opener and safety lock handle.

MIDR1134	1134 Easy Cutter Ultimate.....	27.99	25.19
----------	--------------------------------	-------	-------

## MIDWEST EASY MITER BOX

- **Easy, accurate angled cuts.**

Midwest's Easy Miter Box allows you to cut wood or plastic material up to 1/2" (13mm) thick and 2" (51mm) wide. Injection-molded miter box has four miter angles - 22.5°, 30°, 45°, 60° - and 90° cuts. Included cam clamps hold materials in place while cutting. Available **With** or **Without** Zona® razor saw for extra-fine cuts.

MIDR1135	1135 Easy Miter Box.....	6.99	6.69
MIDR1136	1136 Easy Miter Box w/Saw.....	12.99	11.99

## MIDWEST MICRO-CUT® WOODS



Micro-Cut Quality® Woods are accurate to +/- 0.002", to provide perfect fits with less sanding. See below for **Basswood** (4125), **Balsa** (6044-6604), aircraft-grade **Birch Plywood** (5122-5486), strong **Baltic Birch** (5306) and **Micro-Lite® Poplar Lite Ply** (5510, 5530, 5550). Numbers in parentheses indicate quantity per package.

		RETAIL	TOWER
MIDR1544	6044 Balsa 1/8 x 1/8 x 36" (36).....	17.64	16.49
MIDR1546	6046 Balsa 1/8 x 1/4 x 36" (30).....	17.70	16.49
MIDR1555	6055 Balsa 3/16 x 3/16 x 36" (25).....	14.75	13.79
MIDR1566	6066 Balsa 1/4 x 1/4 x 36" (20).....	17.80	16.59
MIDR1569	6069 Balsa 1/4 x 1/2 x 36" (12).....	16.68	15.59
MIDR1588	6088 Balsa 3/8 x 3/8 x 36" (12).....	16.68	15.59
MIDR1801	6301 Balsa 1/32 x 3 x 36" (20).....	35.80	31.99
MIDR1803	6303 Balsa 3/32 x 3 x 36" (20).....	41.80	35.99
MIDR1809	6309 Balsa 1/2 x 3 x 36" (5).....	31.45	27.99
MIDR1901	6401 Balsa 1/32 x 4 x 36" (20).....	48.80	42.99
MIDR1902	6402 Balsa 1/16 x 4 x 36" (20).....	48.80	42.99
MIDR1903	6403 Balsa 3/32 x 4 x 36" (15).....	43.35	36.99
MIDR1904	6404 Balsa 1/8 x 4 x 36" (15).....	47.85	39.99
MIDR2025	4125 Basswood 1/16 x 6 x 24" (10).....	64.90	53.99
MIDR2104	6604 Balsa 1/8 x 6 x 36" (10).....	55.90	46.99
MIDR3422	5122 Birch Plywood 1/16 x 6 x 12" (6).....	38.94	34.99
MIDR3423	5123 Birch Plywood 3/32 x 6 x 12" (6).....	44.34	37.99
MIDR3424	5124 Birch Plywood 1/8 x 6 x 12" (6).....	41.34	35.99
MIDR3425	5125 Birch Plywood 3/16 x 6 x 12" (6).....	20.34	18.39
MIDR3426	5126 Birch Plywood 1/4 x 6 x 12" (6).....	22.14	19.99
MIDR3680	5480 Birch Plywood 1/64 x 12 x 48" (6).....	310.74	257.99
MIDR3681	5481 Birch Plywood 1/32 x 12 x 48" (6).....	149.94	124.99
MIDR3682	5482 Birch Plywood 1/16 x 12 x 48" (6).....	211.74	175.99
MIDR3684	5484 Birch Plywood 1/8 x 12 x 48" (6).....	272.94	226.99
MIDR3686	5486 Birch Plywood 1/4 x 12 x 48" (6).....	115.14	95.99
MIDR3842	5242 Birch Plywood 1/16 x 12 x 24" (6).....	110.34	91.99
MIDR3844	5244 Birch Plywood 1/8 x 12 x 24" (6).....	134.94	112.99
MIDR3846	5246 Birch Plywood 1/4 x 12 x 24" (6).....	61.14	49.99
MIDR3910	5510 Poplar Plywood 1/8 x 6 x 12" (6).....	16.14	14.99
MIDR3930	5530 Poplar Plywood 1/8 x 12 x 24" (6).....	40.14	34.99
MIDR3950	5550 Poplar Plywood 1/8 x 12 x 48" (6).....	74.94	62.99
MIDR5306	5306 Baltic Birch 3mm x 12 x 24" (6).....	26.94	24.29

## MIDWEST CARBON FIBER

- **Lighter than aluminum - stronger than steel!**



Create custom framework, pushrods and wing reinforcements for R/C aircraft or super-stiff car/truck chassis with Midwest Carbon Fiber. It's 40% lighter than aluminum, yet stronger than steel! Available in **24"** and **40"** long **Rods**, **Tubes** and **Strips** for various uses. Numbers in parentheses indicate quantity per package.

MIDR5700	5700 Carbon Fiber Rod .020 24" (2).....	5.49	5.29
MIDR5701	5701 Carbon Fiber Rod .030 24" (2).....	5.49	5.29
MIDR5702	5702 Carbon Fiber Rod .040 24" (2).....	5.49	5.29
MIDR5703	5703 Carbon Fiber Rod .050 24" (2).....	5.49	5.29
MIDR5704	5704 Carbon Fiber Rod .060 24" (2).....	5.49	5.29
MIDR5705	5705 Carbon Fiber Rod .070 24" (2).....	5.49	5.29
MIDR5706	5706 Carbon Fiber Rod .080 24" (2).....	5.49	5.29
MIDR5707	5707 Carbon Fiber Rod .098 24" (2).....	6.99	6.69
MIDR5708	5708 Carbon Fiber Rod .110 24" (2).....	7.99	7.59
MIDR5709	5709 Carbon Fiber Rod .125 24" (2).....	7.99	7.59
MIDR5720	5720 Carbon Fiber Tube .125 24".....	3.99	3.79
MIDR5721	5721 Carbon Fiber Tube .157 24".....	5.49	5.29
MIDR5722	5722 Carbon Fiber Tube .188 24".....	5.49	5.29
MIDR5723	5723 Carbon Fiber Tube .196 24".....	4.99	4.79
MIDR5724	5724 Carbon Fiber Tube .210 24".....	5.49	5.29
MIDR5740	5740 Carbon Fiber Strip .019 x .118 24" (2).....	5.99	5.69
MIDR5741	5741 Carbon Fiber Strip .034 x .121 24" (2).....	6.99	6.69
MIDR5742	5742 Carbon Fiber Strip .057 x .177 24" (2).....	6.99	6.69
MIDR5743	5743 Carbon Fiber Strip .070 x .437 24" (1).....	5.99	5.69
MIDR5800	5800 Carbon Fiber .060 40" Rod.....	4.69	4.49
MIDR5801	5801 Carbon Fiber .070 40" Rod.....	4.69	4.49
MIDR5802	5802 Carbon Fiber .080 40" Rod.....	4.99	4.79
MIDR5803	5803 Carbon Fiber .125 40" Rod.....	6.99	6.69
MIDR5820	5820 Carbon Fiber .125 OD 40" Tube.....	5.99	5.69
MIDR5821	5821 Carbon Fiber .157 OD 40" Tube.....	6.99	6.69
MIDR5822	5822 Carbon Fiber .210 OD 40" Tube.....	7.99	7.59
MIDR5840	5840 Carbon Fiber .019 x .118 40" Strips (2).....	8.99	8.59
MIDR5841	5841 Carbon Fiber .034 x .121 40" Strips (2).....	9.99	9.49
MIDR5842	5842 Carbon Fiber .057 x .177 40" Strips.....	10.99	10.29

## NOVAK HEAT-SHRINK TUBING

Achieve clean, dependable solder connections with Novak Heat-Shrink Tubing! Available in **6-** and **24-Piece** assortments - both are lead-free and RoHS-compliant. Each

section measures 6 inches (152mm) in length, and boasts an impressive 2:1 shrink ratio. Each assortment includes 1/16", 3/32", 1/8", 3/16", 1/4" and 3/8" sizes.

		RETAIL	TOWER
NOVC5850	5850 6" Heat Shrink Tubing Assortment (6).....	3.50	3.39
NOVC5851	5851 6" Heat Shrink Tubing Assortment (24).....	8.95	8.59

## NOVAK LEAD-FREE SILVER SOLDERS

Novak's Lead-Free Silver Solder is great for soldering battery packs, speed control power wires and motor power wires. You can also use it wherever a low-resistance, high-conductivity contact is needed. Perfect for hand-soldering, it's safe to handle and features a relatively low melting point. Available in **6g**, **15g** and **100g** rolls, all packages contain 3% silver for improved conductivity.

NOVR5831	5831 Lead-Free Silver Solder 6g.....	3.95	3.79
NOVR5832	5832 Lead-Free Silver Solder 15g.....	8.95	8.59
NOVR5833	5833 Lead-Free Silver Solder 100g.....	39.00	37.99

## OFNA RACING 1/4" HEX TOOL SETS

The **HoBao 1/4" Drive Tool Set** features steel tool shafts which key easily into a red aluminum handle. A handy storage case helps keep parts organized, and stamped size information allows for easy identification. Made from long-life hardened metal, tips in the **1/4" Drive Hex Wrench Set** can be turned by a 1/4" socket or with an easy-to-grip Ofna ratcheting handle. Includes bit holder.

OFNR0823	10823 1/4 Drive Tool Set (9).....	39.95	35.99
OFNR1824	10824 1/4 Drive Hex Wrench Set.....	35.95	31.99

## PACER Z-POXY™ FINISHING RESIN

It's the finishing touch that gives 'glass the grab to lock onto wood and foam surfaces. Odorless, resistant to solvents and shock, Z-Poxy flows on for smooth, even surfaces, and gives you 60 minutes of working time to get things "just right." Cures completely to a flexible, easy-to-sand finish in just 3 hours. Includes 6 oz. each of hardener and resin. NOTE: Contains epoxy and polyamide resins.

PAAR2240	PT40 Z-Poxy Finishing Resin.....	17.49	12.69
----------	----------------------------------	-------	-------

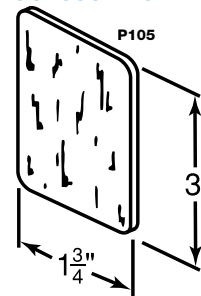
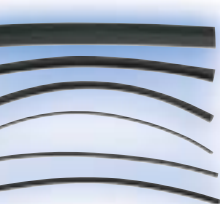
## PERFECT BUILDING ACCESSORIES

Make gaskets any way you want with Perfect **Gasket Material!** Made of 1/64"

thick composite rubberized fibers, the material is fuel-proof and capable of withstanding high heat. Includes two sheets. Requires hobby knife. Environmentally-friendly

**Rosin-Core Lead-Free Solder** is designed especially for soldering electronic connections. Each package includes one 24" piece.

PEFR1405	P105 Gasket Material.....	2.57	2.49
PEFR1407	P107 Rosin-Core Lead Free Solder.....	3.03	2.89





# BUILDING EQUIPMENT & TOOLS

## PRO-EDGE™ SPEED CLAMP

Black nylon Speed Clamp features quick ratcheting jaws which open up to 4" wide. Bright orange jaw cushions protect what you are clamping, and a quick-release trigger allows for easy jaw adjustments.



PRER7060 70060 Speed Clamp 4" ..... 6.44 6.19

## PRO-LINE® ALUMINUM WRENCH

Changing tires on your 1/8 scale buggy or 40 series HD wheels has never been so easy! This 23 mm wrench is made from blue-anodized 6061 aluminum, with a Pro-Line logo and the size printed on the handle for easy identification. The oversized handle gives you the ultimate torque ability for a secured, tight fit.



PROR6039 6038-02 HD Alum Blue Anodized 23mm Wrench ✓ 34.00 29.99

## PANAVISE® HOBBY TOOLS

Perfect position by tilting, turning and rotating the head, then lock it in place with a single knob! Great for maintenance and repair — priceless for painting and trim jobs. Nylon jaws open 2-7/8" wide on **Panavise JR** and 2-1/4" on **Standard**. Both feature Model 300 die-cast zinc bases w/molded-in mounting holes. **Vacuum Base Panavise** features standard head, plus base designed for smooth, non-porous surfaces.



381R

PVPR0201 201 Panavise JR..... 27.99 25.19  
PVPR0301 301 Standard Panavise..... 49.99 42.99  
PVPR0381 381R Vacuum Base Panavise..... 69.99 58.99

## ROBART® HINGE POINT DRILL JIG

• **Perfectly centered hinge holes — first time, every time.**

No need to guess, no need to spend flying time trying to position hinge point properly — not w/ this handy tool can center a hinge hole in seconds! Easy to use: just clamp to top and bottom of wing or control surface, slide to the side — and drill. Hardened steel, removable drill bushings for 1/8" and 3/16" diameter bits included to keep hole alignment accurate and true.



ROBR1319 319 Hinge Point Drill Jig ..... 6.00 5.79

## ROBART® METERS

**Incidence Meter** is a must for setting proper thrust, wing and stabilizer incidence to ensure straight flights. An anti-parallax meter scale makes reading easy. The **Heli Blade Pitch Meter** lets you make 0-10° adjustments with 1/4° accuracy; features a bearing-mounted pointer and adjustable blade jaws. The **Control Surface Deflection Meter** makes error-free measurements of your aircraft's elevator, ailerons, flaps and rudder.



404

ROBR1404 404 Incidence Meter..... 42.00 29.99  
ROBR1405 405 Heli Blade Pitch Meter ..... 43.70 29.99  
ROBR1407 407 Control Surface Deflection Meter... 9.60 9.19

## RC ONE TOOLS & ACCESSORIES

Reduce R/C car clutter with RC One's aluminum **Magnetic Parts/Pieces Trays**! Available in **Silver** and **Blue**, both are great tool box accessories. All **Driver Sets** feature color-coded sizes and easy-to-replace tips — just loosen the set screw, insert the new tip and tighten! **120L** and **X17** sets add eye-catching anodized aluminum handles. See [www.towerhobbies.com](http://www.towerhobbies.com) for full details.



4230N

	RETAIL	TOWER
RROR4220 4220 Hex Driver Set (6).....	29.99	22.49
RROR4230 4230N X58 Tool Set (7).....	40.00	29.99
RROR4240 4240 Magnetic Parts/Pcs Tray Silver.....	8.00	5.99
RROR4241 4241 Magnetic Parts/Pcs Tray Blue.....	8.00	7.69
RROR9400 9400 120L Hex Driver Set.....	49.99	37.99
RROR9405 9405 120L Ball Driver Set.....	49.99	37.99
RROR9430 9430 X17 Screw Driver Set Philips 120mm.....	35.00	25.99
RROR9435 9435 X17 Screw Driver Set Slotted 120mm.....	35.00	25.99
RROR9440 9440 X17 Nut Driver Set.....	40.00	29.99

## STAY-BRITE SILVER SOLDER

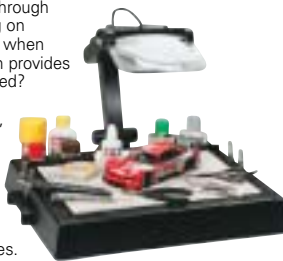
Silver in Stay-Brite Silver Solder makes the dependability difference in every soldered joint. It not only makes Stay-Brite more conductive; it also provides five times the tensile strength of regular solder, allowing Stay-Brite joints to survive vibrations that would crack less flexible joints. Melts at 430°F and flows in place smoothly, for neat, tight joints. Includes 1/2 oz. each of solder and flux.



STAR2000 SBSK Silver Solder 3/64" 1/2 oz..... 9.30 8.99

## TAMIYA WORK STATION

Why bother fumbling through the dark when working on model or craft projects when this handy work station provides the illumination you need? Other helpful features: storage compartments, three brush supports, a pivoting arm w/magnifying lens, a 9x12" cutting mat storage slot and a sturdy plastic base. Requires 4 "D" batteries.



TAMR0564 74064 Work Station w/Magnifying Lens... 135.00 112.99

## TRINITY® ROSIN FLUX

Keep hold of your soldering projects with this compact, easy-to-store bottle of Rosin Flux from Team Trinity! Ideal for motors, batteries and more! Length: 3 in. (7.6 cm).



TRIR4504 5004 Rosin Flux..... 4.99 4.79

## TRUMPETER® TOOLS

09910



Trumpeter's **Rivet Maker Tool** lets modelers make or reinsert rivets with ease on any plastic kit. Includes four different wheels to make rivets in popular scales. **Panel Engraver Tool** aids in scribing panel lines on any plastic model. Both feature a black plastic handle.

TSM59910 09910 Rivet Maker Tool..... 9.95 9.49  
TSM59912 09912 Panel Engraver Tool..... 9.95 9.49

## WIHA® TOOLS

All Wiha tools feature molded-on tapered handles for rapid rotation, with rotating caps for precise fingertip control. The high alloy chrome-vanadium-molybdenum-steel blades have exact fit precision tips. Choose from the **7-Piece Slotted/Phillips Screwdriver Set** (26190); **Hexdriver Set** (26390); **Nutdriver Sets** (26590, 26591); or the **Hex/Slotted/Phillips Bit Set** (75999), which includes 26 assorted SAE and metric bits, a handle, 4" extension and plastic storage case.



26590

	RETAIL	TOWER
WHAR0190 26190 7-Piece Slotted/Phillips Set.....	26.98	24.29
WHAR0390 26390 7-Piece Hexdriver Set Metric.....	27.82	24.99
WHAR0590 26590 8-Piece Nutdriver Set Metric.....	43.56	37.99
WHAR0591 26591 8-Piece SAE Nutdriver Set.....	42.34	35.99
WHAR7599 75999 Hex/Slot/Phillips Micro Bit Set (26).....	54.58	45.99

## X-ACTO® TOOLS

Carbon steel X-Acto blades are honed and sharpened with special abrasives and oil-treated to prevent rust! Available with **X2000 Knife Handle** and 5 extra blades as well as packs of **15**, carded **40**, **100**, and **Bulk Carded 100**. **Drill Set w/Stand** features bits made of high-quality carbon steel for precision fine-point drilling. Other choices include the **Basic Craft Tool Chest**, the **Precision #1 Knife Set** and the **Basic Knife Set w/Chest**. 12" x 18" **Self-Healing Mat's** special surface and core minimizes the effects of cutting with sharp blades.

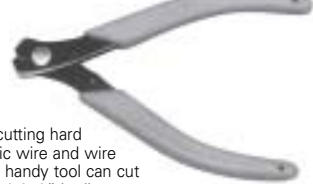


X5087

	RETAIL	TOWER
XACR0001 XM3724 X2000 w/Blades Value Pack.....	6.99	6.69
XACR0711 X711 #11 Blade Carded Handi Pack (40).....	14.44	13.49
XACR0811 X811 #11 Blade Bulk Carded (100).....	34.04	29.99
XACR1630 X75300 Precision Razor Saw Set.....	11.49	10.59
XACR1712 X6412 Drill Set With Stand (20).....	37.69	33.99
XACR2076 X5076 Basic Craft Tool Chest.....	39.99	29.99
XACR2086 X5086 Standard Knife & Tool Chest.....	58.85	42.99
XACR2087 X5087 Deluxe Knife & Tool Chest.....	85.85	59.99
XACR3311 X411 #11 Blade (15).....	6.79	6.19
XACR3411 X611 #11 Blade (100).....	36.65	32.99
XACR3511 X5211 #1 Knife w/5 Blades Carded.....	6.19	5.59
XACR4214 X75140 Extra Hands Double Clip.....	17.05	15.99
XACR4217 X75170 Extra Hands & Magnifier.....	20.62	18.59
XACR5110 X5282 Knife Chest.....	27.69	24.29
XACR5761 X7761 Self-Healing Mat 12"x18".....	18.84	17.59

## XURON® HARD WIRE/CABLE CUTTER

Great for cutting hard wire, music wire and wire cable, this handy tool can cut wire up to 0.040" in diameter. Full by-pass shear cutting action results in "pinch-free" cuts and minimizes "unwrap" on twisted wire cable. Cushioned Xuro-Rubber® grips and a Light Touch® return spring ensure maximum user comfort.



XURR2193 2193 Hard Wire Cable Cutter..... 19.49 18.19

## ZONA® ACCESSORIES

The versatile 4' n 1 **Razor Saw Set** features a comfortable wood handle, along with fine, ultra-thin, saber and keyhole blades. **Plastic Mini-Vise** includes a durable stainless steel screw for projects that require water. 20-piece **Diamond Twist Drill Set** is great for use with ceramics, hard metals, tile and more. Nickel-chrome **5-Piece Tweezer Set** includes fine-point, flat-blade, slide-lock, curved-point and cross-locking tweezers, all in a plastic organizer.



35-140

	RETAIL	TOWER
ZONR3500 35-400 Flush Cut Saw.....	9.50	8.99
ZONR3540 35-140 4' n 1 Razor Saw Set.....	8.90	8.49
ZONR3580 35-380 Dovetail Saw.....	9.50	8.99
ZONR3721 37-210 Plastic Mini-Vise.....	18.00	16.79
ZONR3734 37-434 L-Square.....	6.95	6.69
ZONR3755 37-155 Diamond Twist Drill Set.....	15.50	14.49
ZONR7540 37-540 5-Piece Tweezer Set.....	20.90	18.99



by Hobbico®

## AIRBRUSHES, COMPRESSORS & ACCESSORIES

Single-action ModelMaker airbrushes are made of high-impact nylon, feature external mixing, and include bottom-feed jars and adapters.

**SA200** comes with 22cc and 50cc jars plus hose and hose adapter. **SA200P** adds a 9.5 oz. can of airbrush propellant. Easy-to-use **HB100**

includes a 22cc jar, hose, and can adapter, and delivers a simple, effective spray. For large jobs, use the **DA500** 15-30 PSI paint gun with triple chrome plating and precision-machined fine nozzle. A 5' air hose, can adapter, 0.3mm needle, 22cc plastic side feed cup, and wrench are supplied. Organize up to 4 airbrushes on your workbench with the **Deluxe Airbrush Station**. Ozone-safe, pressurized **Airbrush Propellant** is compatible with most airbrushes. Compact, diaphragm-type **Mini Air Compressor** has cushioned handles, manual on/off switch and sealed oil-less bearings. The **Mini Regulator w/Filter** incorporates filter and water trap into one convenient unit.

Stock#	Description	Retail	Tower	Stock#	Description	Retail	Tower
HCA4000	HB100 Basic Airbrush Kit w/Can Adptr ✓	\$12.99	\$11.99	HCA4020	Airbrush Propellant 9.5 oz.....	\$11.99	\$7.99
HCA4005	SA200 Single Action Airbrush Kit..... ✓	19.99	15.99	HCA4025	Deluxe Airbrush Station.....	24.99	17.99
HCA4007	SA200P Single Action Airbrush Kit w/Propel	29.99	19.99	HCA4027	Mini Regulator w/Filter.....	49.99	34.99
HCA4016	DA500 Double Action Paint Gun Kit.....	79.99	49.99	HCA4051	Mini Air Compressor w/Regulator.....	199.99	129.99



**DA500 Double Action Paint Gun**

**Mini Compressor w/Regulator & Filter**



**PERFECTLY MATCHES THE COLOR OF MONOKOTE® COVERING!**

In one quick step, spray-on LustreKote paint reproduces the rich look of MonoKote covering. The nozzle produces a fine spray mist that prevents spattering or "orange peel" effects. In a few minutes, your first coat is dry enough to recoat. With as few as two coats, you'll have a smooth, uniformly opaque, high-gloss finish.\* The most fuelproof one-part spray acrylic lacquer paint available, LustreKote can be used on balsa, ply, fiberglass, aluminum and ABS plastic. Clear top coat smooths out painted layers, enhances gloss, and won't yellow with age. Choose High Gloss and Flat formulas. 10 ounce cans.

\*Note: All colors require preparing the surface first with LustreKote Primer. Dark and metallic colors require more than two coats for uniform opacity.

Stock#	Description	Retail	Tower	Stock#	Description	Retail	Tower
TOPR7500	Flat Clear.....	\$7.99	\$6.99	TOPR7506	Aluminum.....	\$7.99	\$6.49
TOPR7501	Clear.....	7.99	6.99	TOPR7508	Ignisnia Blue.....	7.99	6.99
TOPR7502	Missile Red.....	7.99	6.99	TOPR7509	Black.....	7.99	6.49
TOPR7504	Yellow.....	7.99	6.99	TOPR7518	Cub Yellow.....	7.99	6.99
TOPR7505	Jet White.....	7.99	6.99	TOPR7527	Primer White.....	7.99	6.99



### ATLAS PAINTBRUSHES

• **Brushes for broad coverage and fine detail.**



**30-6PS**

Atlas paintbrushes are available for a wide variety of home and hobby needs. They're great for applying water, oil or enamel paints as well as lacquer, varnish or bronze. The **20/0 Golden Taklon-Triangle Handle Brush** is ideal for fine detail painting or any job requiring a fine tip brush. Perfect for fine detailing, **Camel Hair Brushes** are available in 3/8", 1/2", 3/4" and 1" sizes and in 5- and 6-piece sets. **Economy Brush Set** includes one each of large flat #6, small flat #6, flat #2, round #5, round #1 and round #3/0.

		RETAIL	TOWER
ABSR0002	FA-002 Economy Brush Set 6-pcs..... ✓	4.99	4.79
ABSR0306	30-6PS Camel Hair Detail Brush Set (6) ✓	4.79	4.59
ABSR0976	970-20/0 Golden Taklon-Triangle Handle ✓	3.19	3.09
ABSR1025	1025 Camel Hair 5-pc Set.....	4.79	4.59
ABSR5138	51-1-3/8 Camel Hair Flat 3/8"..... ✓	.85	.85
ABSR5139	51-1-1/2 Camel Hair Flat 1/2"..... ✓	.85	.85
ABSR5140	51-1-3/4 Camel Hair Flat 3/4"..... ✓	1.29	1.29
ABSR5141	51-1-1 Camel Hair Flat 1"..... ✓	2.09	1.99

### BOB DIVELY LIQUID MASKING FILM

• **Brush-on protection you peel away after you paint!**

**3020**



Especially useful in tight corners or on complex curves, Liquid Masking Film offers a quick and easy way to "paint-proof" airplane canopies, Lexan® car bodies and more. To use, simply brush on, let dry and trim away excess material with a hobby knife. Ideal for creating unique designs, numbers, letters, etc. on car bodies. Available in three different sizes.

DIVR3000	3000 Liquid Masking Film 4 oz..... ✓	7.10	6.79
DIVR3010	3010 Liquid Masking Film 16 oz.....	17.25	15.99
DIVR3020	3020 Liquid Masking Film 32 oz.....	27.60	24.99

### BADGER™ AIRBRUSHES & ACCESSORIES

Internal mix, siphon feed airbrushes include the single-action **Model 200™** and dual-action **Model 150™**, **Model 155™ Anthem™**, **Model 175™ Crescendo™** and the **Model 360™**, which also features gravity feed. External-mix, single-action models include the **Model 350™** for high-viscosity media and the easy-to-use **Model 250™**. Every precision-machined zinc and aluminum Badger airbrush includes a lifetime warranty on labor and PTFE needle bearings.

	RETAIL	TOWER
BADR1000	150-1-IL Airbrush Medium.....	122.00 101.99
BADR1001	155-1 Anthem Airbrush Set.....	129.00 84.99
BADR1003	155-7 Deluxe Anthem Airbrush Set.....	144.00 94.99
BADR1010	150-4PK Pro Airbrush MD/HD.....	163.00 99.99
BADR1015	150-7 Airbrush XF/MD/HD.....	151.00 94.99
BADR1016	175-9 Crescendo Airbrush Set.....	163.00 99.99
BADR1019	175-7 Crescendo Pro Airbrush.....	152.00 93.99
BADR1020	200-1 Airbrush Medium.....	81.00 67.99
BADR1040	200-3 Deluxe Airbrush Kit Medium..... ✓	99.00 64.99
BADR1045	200-20 Detail Single Action.....	90.00 74.99
BADR1050	250-1 Basic Spray Gun Set..... ✓	27.00 19.99
BADR1055	250-2 Basic Spray Gun..... ✓	25.00 16.99
BADR1070	250-4 Mini Spray Set.....	39.00 34.99
BADR1080	350-1M Airbrush Medium Head..... ✓	58.00 48.99
BADR1085	350-4 Airbrush XF/MD/HD.....	102.00 84.99
BADR1090	350-3 Airbrush Medium Head.....	73.00 49.99
BADR1091	360-1 Universal Airbrush Set.....	192.00 119.99
BADR1097	360-7 Versa Air Spray Gun w/Hose.....	206.00 119.99
BADR1125	125 Dual Air Brush Holder.....	31.35 27.99
BADR1230	50-2011 1/0 Braided Air Hose.....	19.70 14.59
BADR1354	50-054 Air Regulator Filter & Gauge.....	64.50 53.99
BADR2603	260-3 Abrasive Spray Gun Set.....	60.00 49.99

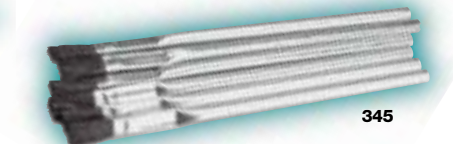
### BADGER™ COMPRESSORS

Compact, portable and virtually maintenance-free! The 8 lb., 1/8 hp **T & C Air Star V** is a piston-type, 40 psi compressor with an adjustable air regulator and pressure gauge, self-cleaningreed valve and 1/2" fitting. Standard features on Badger's oil-less, diaphragm-type **180-10** and **180-12** now include an on/off switch. Both are 9 lb., 1/10 hp models capable of producing 30 psi. The **T & C Air Star V** and **180-12** both feature auto shut-off. All include 6', 3-prong cord for 115V use.

BADR1400	180-10 Air Compressor.....	202.00	129.99
BADR1405	180-12 Air Compressor w/Auto Shut-Off.....	280.00	179.99
BADR1420	T909 T&C Air Star V 1/8hp Compressor.....	334.00	229.99



### DU-BRO® PAINT ACCESSORIES



**345**

Get the necessities for less, at Tower Hobbies! **Mix-it Stix** stir paint, mix epoxy or apply filler. **Epoxy Brushes** offer an inexpensive way to do a fast coating job — and easily clean up just by throwing away!

	RETAIL	TOWER
DUBR5345	345 Epoxy Brushes (6)..... ✓	1.75 1.75
DUBR5346	346 Mix-it Stix (25).....	1.10 1.10

### IWATA-MEIDA AIRBRUSHES & ACCESSORIES

Airbrushes include the **HP-C Plus** for fine hairlines and atomized background spraying and the **Hi-Line** for a controlled, detailed spray. The pistol-grip **Eclipse G6** features a 0.6 mm stainless steel nozzle and a long, tapered needle — great for everything from fine to wide background spraying! Compressors include the 1/10 hp **Silver Jet** for everyday use and the twin-pump, 1/8 hp **Power Jet Pro**, with a 2-liter tank reservoir, dual adjustable pressure regulators and more. The 1/8 hp **Smart Jet** and **Sprint Jet** both feature a low-maintenance piston motor and a moisture filter; Smart Jet adds auto shut-off. All include hose and filter; advanced models also include hose adapters.



**H4001**

IWAR0050	IS50 Silver Jet Compressor.....	225.75	137.99
IWAR0110	BT010 Braided Airhose 10'..... ✓	26.25	23.69
IWAR0200	ECL2000 Eclipse HP-BCS w/Bottle..... ✓	162.75	135.99
IWAR0201	ECL2001 Eclipse BCS w/Bottle/Hose.....	173.25	143.99
IWAR0501	ECL4500 Eclipse HP-CS.....	203.75	169.99
IWAR0975	IS975 Power Jet Pro Compressor.....	646.00	536.99
IWAR2001	R2001 Revolution BCR w/Hose..... ✓	127.25	105.99
IWAR2002	NAC201 Tabletop Cleaning Station.....	25.50	22.99
IWAR2500	R2500 Revolution BR.....	115.50	95.99
IWAR4001	H4001 HP-C Plus Airbrush.....	280.50	232.99
IWAR4100	HPCH Hi Line Airbrush.....	334.75	277.99
IWAR4500	R4500 Revolution 4500 CR..... ✓	115.50	95.99
IWAR4600	R4600 Master Hobby Set CR.....	159.00	104.99
IWAR6508	650008 Airbrush Cleaner 8 oz..... ✓	4.75	4.59
IWAR8000	IS800 Sprint Jet Compressor.....	314.50	261.99
IWAR8500	IS850 Smart Jet Air Compressor.....	370.50	225.99
IWAR9000	ECL9000 Eclipse G6 Airbrush Gun.....	463.25	384.99



# PAINT & ACCESSORIES

## MICROBRUSH® APPLICATORS



You can bend Microbrush applicators to any angle, and dispense controlled amounts of glue, paint, lubricants and solvents as small as 1/8 of a drop in hard-to-reach places. Liquids are held in suspension between fibers, creating a non-dripping sphere until the material is fully applied.

		RETAIL	TOWER
MCBR1000	MHR10 Microbrush Regular (10).....✓	1.79	1.79
MCBR1001	MHF10 Microbrush Fine (10).....✓	1.79	1.79
MCBR1002	MHS10 Microbrush Superfine (10).....✓	1.79	1.79
MCBR1003	MHU10 Ultrabrush Regular (10).....✓	1.79	1.79

## PARMA® MASKING MATERIALS

• Exercise maximum color creativity with Parma masks!

Pre-cut **Paint Masks** make pro-look paint jobs a breeze: just peel forms from the backing sheet and press 'em in place. A super-strong adhesive prevents edge bleeding, but releases cleanly after use. Designed for pro painters, **Fastape Masking Tape** is flexible enough to go around compound curves – lowtac makes it easy to reposition or remove. For one-of-a-kind designs, try the uncut **Vinyl Mask Sheet** or **Fasmask Liquid Paint Mask** — it brushes on and cuts cleanly with a #11 blade before you paint, won't let paint seep through while in progress — and peels away cleanly afterwards.



		RETAIL	TOWER
PARC0785	785 Flames Paint Mask 5.5x8.5".....✓	4.49	4.29
PARC1786	10786 Flames Paint Mask.....✓	4.99	4.79
PARC1799	10799 Uncut Vinyl Mask Sheet.....✓	4.99	4.79
PARC1811	10811 Big Drips Paint Mask.....✓	4.99	4.79
PARC1823	10823 Aggravation Paint Mask.....✓	4.99	4.79
PARR4257	40257 Fastape Masking Tape 18mmx18m.....✓	3.79	3.69
PARR4281	40281 Fasmask Liquid Paint Mask 4 oz.....✓	6.99	6.69
PARR4282	40282 Fasmask Liquid Paint Mask 8 oz.....✓	10.99	10.29
PARR4283	40283 Fasmask Liquid Paint Mask.....✓	15.99	14.99

## PARMA® FASKOLOR™ PAINTS

Airbrush-applied, water-based Faskolors don't just go on a surface; they become part of it, forming a flexible, fuelproof, crack-, chip- and impact-resistant barrier. They thin with water, and go on best in light coats; warm them with a hair drier between coats, and they dry, cure and bond faster and better. Great for Lexan®, but also brilliant on plastic, fiberglass, metal, wood, Styrofoam® or ceramics. Available in standard **Faskolors** (40000-40012), **Faspearls** (40050-40058, 40301-02), **Faslucent** (40306-07), **Fasfluorescents** (40101, 40103, 40106-07, 40304) and special **Fasescents** (40151-52). Also available: easy-to-use **Faskleaner** (40202), **Fasthinner** (40201) and **Faskoat** (40200), which applies and dries clear, to seal colors against oxidation and fuel residue.



		RETAIL	TOWER
PARR4000	40000 Faswhite 2 oz.....✓	4.29	4.09
PARR4001	40001 Fasblack 2 oz.....✓	4.29	4.09
PARR4002	40002 Fasyellow 2 oz.....✓	4.29	4.09
PARR4003	40003 Fasred 2 oz.....✓	4.29	4.09
PARR4004	40004 Fasblue 2 oz.....✓	4.29	4.09
PARR4005	40005 Fasgreen 2 oz.....✓	4.29	4.09
PARR4007	40007 Faserange 2 oz.....✓	4.29	4.09
PARR4012	40012 Fasksky Blue 2 oz.....✓	4.29	4.09
PARR4034	40256 Faskolor Mixing Bottles (2).....✓	3.19	3.09
PARR4050	40050 Faspearl Silver 2 oz.....✓	4.29	4.09
PARR4051	40051 Faspearl White 2 oz.....✓	4.29	4.09
PARR4054	40054 Faspearl Charcoal 2 oz.....✓	4.29	4.09
PARR4055	40055 Faspearl Blue 2 oz.....✓	4.29	4.09
PARR4056	40056 Faspearl Red 2 oz.....✓	4.29	4.09
PARR4058	40058 Faspearl Black 2 oz.....✓	4.29	4.09
PARR4101	40101 Fasfluorescent Yellow 2 oz.....✓	4.29	4.09
PARR4103	40103 Fasfluorescent Orange 2 oz.....✓	4.29	4.09
PARR4106	40106 Fasfluorescent Blue 2 oz.....✓	4.29	4.09
PARR4107	40107 Fasfluorescent Green 2 oz.....✓	4.29	4.09
PARR4151	40151 Fasescent Blue 2 oz.....✓	4.29	4.09
PARR4152	40152 Fasescent Purple 2 oz.....✓	4.29	4.09
PARR4200	40200 Faskoat 2 oz.....✓	4.29	4.09
PARR4201	40201 Fasthinner 2 oz.....✓	4.79	4.59
PARR4202	40202 Faskleaner 2 oz.....✓	4.29	4.09
PARR4301	40301 Faspearl Key Lime 2 oz.....✓	4.29	4.09
PARR4302	40302 Faspearl Orange 2 oz.....✓	4.29	4.09
PARR4304	40304 Fasfluorescent Flaming Orange 2 oz.....✓	4.29	4.09
PARR4306	40306 Faslucent Blue 2 oz.....✓	4.29	4.09
PARR4307	40307 Faslucent Red 2 oz.....✓	4.29	4.09

## PAASCHE AIR COMPRESSORS

Oil-less, diaphragm-style models include the 1/10 hp **D500** which is ideal for all airbrushes and properly thinned fluids. Delivers 20-30 psi. **D200R** and **D500SR** operate at 35-40 psi. Both include on/off switch and regulator. Models with auto shut-off include the **DA300R** and **DA400R** (up to 40 psi) with pressure regulator and moisture trap and the 1/8 hp **DA300** (17-30 psi).



		RETAIL	TOWER
PASR0300	DA300 1/8hp Auto Shut-Off Compressor.....✓	146.00	119.99
PASR1300	DA300R Compressor w/Regulator.....✓	179.00	139.99
PASR1400	DA400R Compressor w/Regulator/Moisture Trap.....✓	236.00	179.99
PASR3460	D200R 1/6hp Compressor w/Regulator.....✓	189.50	157.99
PASR3500	D500 Air Compressor.....✓	127.00	99.99
PASR3505	D500SR Compressor w/Regulator.....✓	156.00	119.99

## PAASCHE AIRBRUSH SETS

Dual-action, internal-mix **MIL-Set** and wood-cased **VLSTPRO Wood Pro Set** offer the improved comfort and control of a rounded trigger button, plus a cutaway handle for quick clog clean-out and a longer trigger guide for more flow at maximum draw. Single-action, external **H**, **2000SA** and **2000H** sets, plus dual-action, internal-mix **Talon**, **VL** and **2000VL** sets also include a wrench, hanger, air hose and "how-to" booklet. **H Basic Set** includes airbrush, assembly bottle, wrench and air hose. **Talon Airbrush** also available individually. See [www.towerhobbies.com](http://www.towerhobbies.com) for full set contents. All include 1-year warranty. Also available: **Airbrush Cleaning Kit**.



		RETAIL	TOWER
PASR0700	AC-7 Seven Brush Airbrush Cleaning Kit.....✓	19.95	14.99
PASR2120	H-Card Airbrush Basic Set.....✓	54.50	45.99
PASR2130	H-Set Airbrush Set.....✓	89.50	54.99
PASR2325	VL-Set Airbrush Set.....✓	114.00	67.99
PASR2336	VLSTPRO Wood Pro Airbrush Set.....✓	149.50	99.99
PASR2400	MIL-Set Millennium Double Action.....✓	100.00	62.99
PASR2500	2000SA VL Single Action Hobby Kit.....✓	79.00	65.99
PASR2501	2000VL VL Dual Action Hobby Kit.....✓	93.50	59.99
PASR2600	2000H H Single Action Hobby Kit.....✓	67.00	55.99
PASR2601	TG-SET Talon Dual Action GF Airbrush Set.....✓	151.00	125.99
PASR2602	TG2L Talon Dual Action Airbrush.....✓	119.00	98.99

## ROBART® PAINT SHAKER

Blends paints as quickly and thoroughly as 5,000 shakes a minute can do it. Just strap a paint bottle in place, hit the on/off switch and your paint's ready before you know it. Works with regular household current, 1/4- to 1-oz. paint bottles — and works so well that a patent is pending. Limited warranty. **410** requires 4 "D" batteries; **411** requires 110V AC outlet.



ROBR1410	410 Robart 410 Paint Shaker/Battery.....✓	32.60	28.99
ROBR1411	411 Paint Shaker/110V A/C.....✓	41.50	34.99

## SAFEGORLD CAN GUN



Get a grip on greater comfort and control! Its mounting system attaches to virtually any spray can, for an easier way to apply paint, sealants, insecticides and more. Heavy-duty black plastic construction makes it durable. Simple, trigger-action lever gives you a better way to control direction, speed and coverage and a less tiring way to achieve even application during continuous spraying.

SIIR1000	116504-12 Can Gun Trigger/Handle.....✓	2.45	2.29
----------	--	------	------

## SPAZ STIX PAINTS

Spaz Stix offers some of the most phenomenal paint colors ever created! **Mirror Chrome** (10000A, 1000-9) offers a superior "mirroring" effect, making it perfect for bumpers and other trim. **High-Gloss Black Lacquer** (00119, 00110A) paints and transparent **Hard Metal** (15050A-15400A) airbrush paints allow you to create spectacular special effects. **Holographic** (05809) changes colors when exposed to direct sunlight, and **Pre-Prep** (90059) prevents fingerprints and swirls. **White Backer** (00200A) is a great way to enhance glow-in-the-dark paints. **Airbrush** paints are 2 fl. oz.; **Aerosol** spray cans are 3.5 fl. oz.



		RETAIL	TOWER
SZXR0119	00119 High Gloss Blk Lacquer Spray 3.5 oz.....✓	4.99	4.79
SZXR0201	00200A Airbrush Pnt Solid White/Glow Backer.....✓	5.49	5.29
SZXR1001	10000A Airbrush Paint Mirror Chrome 2 oz.....✓	12.49	9.99
SZXR1009	1000-9 Mirror Chrome 3.5 oz.....✓	12.49	11.69
SZXR1110	00110A Airbrush High Gloss Black/Backer 2oz.....✓	5.49	5.29
SZXR1502	15050A Airbrush Paint Candy Apple Red 2 oz.....✓	7.49	7.19
SZXR1504	15150A Airbrush Paint Candy Orange 2 oz.....✓	7.49	7.19
SZXR1509	15350A Airbrush Paint Candy Apple Green 2 oz.....✓	7.49	7.19
SZXR1511	15400A Airbrush Paint Teal 2 oz.....✓	7.49	7.19
SZXR5809	05809 Holographic 3.5 oz.....✓	11.99	11.19
SZXR9059	90059 Surface Pre-Prep 3.5 oz.....✓	5.99	5.69

## TAMIYA SPRAY-WORK AIRBRUSHES & ACCESSORIES



Spray-Work HG Airbrushes include wide (**74523**) and original (**74510**) trigger-style models for professional use. The single-action model (**74514**) can produce lines as fine as 0.5 mm for ultra-precise paint jobs. The rotating **Painting Stand Set** (**74522**) holds everything from small body parts and parts trees to larger-sized models. Includes a turntable attachment, a body stand attachment and four spring clips.

TAMR0510	74510 Spray Work HG Trigger Type.....✓	230.00	189.99
TAMR0514	74514 Spray Work HG SF Airbrush.....✓	193.00	159.99
TAMR0523	74523 Spray Work HG Wide Airbrush.....✓	268.00	222.99
TAMR0545	74522 Painting Stand Set.....✓	23.00	20.79
TAMR7452	74520 Spray Work Basic Compressor.....✓	169.00	139.99

## TAMIYA POLYCARBONATE PAINTS

• Formulated for polycarbonate and fast, easy clean-up.



Create a one-of-a-kind polycarbonate classic, with the help of Tamiya's 21-color palette and deep, glossy colors. Water-soluble and completely safe, Tamiya paints can be cleaned up quickly using only plain water, if done prior to drying. Can contents: 100 ml (about 3.38 fl. oz.).

TAMR8601	86001 PS-1 Polycarb Spray White 3 oz.....✓	6.50	6.19
TAMR8602	86002 PS-2 Polycarb Spray Red 3 oz.....✓	6.50	6.19
TAMR8603	86003 PS-3 Polycarb Spray Light Blue 3 oz.....✓	6.50	6.19
TAMR8604	86004 PS-4 Polycarb Spray Blue 3 oz.....✓	6.50	6.19
TAMR8605	86005 PS-5 Polycarb Spray Black 3 oz.....✓	6.50	6.19
TAMR8606	86006 PS-6 Polycarb Spray Yellow 3 oz.....✓	6.50	6.19
TAMR8607	86007 PS-7 Polycarb Spray Orange 3 oz.....✓	6.50	6.19
TAMR8612	86012 PS-12 Polycarb Spray Silver 3 oz.....✓	6.50	6.19
TAMR8613	86013 PS-13 Polycarb Spray Gold 3 oz.....✓	6.50	6.19
TAMR8614	86014 PS-14 Polycarb Spray Copper 3 oz.....✓	6.50	6.19
TAMR8615	86015 PS-15 Polycarb Spray Metal Red 3 oz.....✓	6.50	6.19
TAMR8616	86016 PS-16 Polycarb Spray Metal Blue 3 oz.....✓	6.50	6.19
TAMR8619	86019 PS-19 Polycarb Spray Camel Vlw 3 oz.....✓	6.50	6.19
TAMR8622	86022 PS-22 Polycarb Spray Racing Grn 3 oz.....✓	6.50	6.19
TAMR8623	86023 PS-23 Polycarb Spray Gun Metal 3 oz.....✓	6.50	6.19
TAMR8629	86029 PS-29 Polycarb Spray Fluor Pink 3 oz.....✓	7.00	6.69
TAMR8630	86030 PS-30 Polycarb Spray Blue 3 oz.....✓	6.50	6.19
TAMR8631	86031 PS-31 Polycarb Spray Smoke 3 oz.....✓	6.50	6.19
TAMR8634	86034 PS-34 Polycarb Spray Bright Red 3 oz.....✓	6.50	6.19
TAMR8641	86041 PS-41 Polycarb Spray Bright Slvr 3 oz.....✓	6.50	6.19
TAMR8648	86048 PS-48 Polycarb Spray Mtlc Slvr 3 oz.....✓	14.00	12.99



# Airbrush SETS & ACCESSORIES

**Unique modular design makes special effects and cleanup a snap.**

For impressive results with easy operation and fast, simple cleanup — choose Aztek!

Forged from die-cast metal, the **Master Professional Metal Set (A7778)** with triple chrome-plated body has the solid feel of a metal airbrush with Aztek's ergonomic balance. Aztek's other airbrush bodies are made of a lightweight copolymer for excellent parts fit and durability. To produce special effects, just attach the appropriate nozzle. Nozzles can be used interchangeably between all Aztek internal mix airbrushes.

No airbrush disassembly is required for cleanup making it one of the easiest to use airbrushes on the market today. Paint travels from the cup directly through the nozzle, avoiding the airbrush body entirely. Only the nozzle needs to be cleaned, by soaking or "spraying through" with a suitable solvent.

The **Ultimate Airbrush Set w/Compressor (50564)** comes with everything you need for the perfect airbrushing project including: mini compressor with 40 lb pressure; airbrush with 4 tips; hose; gravity feed color cap; siphon cup and more, while the **All Inclusive Kit (9174)** includes twelve colors of high-gloss acrylic paints.

Refer to the chart for detailed information on Aztek products.

Aztek #	A2203	A2206	A2705	A3205	9169	9174	A4305	A4308	A4702	A4709	A4809	50654	A7778
Single action	✓	✓	✓	✓	✓	✓							
External Mix	✓	✓	✓		✓								
Internal Mix				✓		✓	✓	✓	✓	✓	✓	✓	✓
Hose	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28mm Siphon Cap	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33mm Siphon Cap	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1/2oz. (15cc) Bottle	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1/3oz. (10cc) Bottle													
2/3oz. (20cc) Bottle	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓
.40mm Orifice Nozzle				✓		✓	✓		✓	✓	✓	✓	✓
.50mm Orifice Nozzle							✓		✓	✓	✓	✓	✓
.53mm Orifice Nozzle													✓
Gravity Feed Cup				✓			✓	✓	✓	✓	✓	✓	✓
Paints					✓	✓							
Propellant		✓				✓							
Compressor					✓							✓	
Compressor Adapter	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓
Nozzle Wrench							✓		✓				
Video			✓	✓			✓	✓	✓	✓	✓	✓	✓
Wooden Storage Case							✓	✓	✓	✓	✓	✓	✓
Plastic Storage Case							✓		✓				

## Airbrushes

TESR2203	A2203 Broad Stroke EZ Airbrush Set.....	✓	\$23.49
TESR2206	A2206 External/Single Airbrush Set.....		30.99
TESR2705	A2705 Starter Airbrush.....		38.99
TESR3205	A3205 Workhorse Airbrush Kit.....		44.99
TESR3569	9169 Starter Airbrush Set.....		79.99
TESR3573	9174 All Inclusive Workhorse Airbrush Kit.....		54.99
TESR4305	A4305 7pc Solo Professional Airbrush Set.....		64.99
TESR4308	A4308 9pc Solo Professional Airbrush Set.....		101.99
TESR4708	A4702 Solo Professional Airbrush Set.....		94.99
TESR4709	A4709 Deluxe Professional Airbrush Set.....		124.99
TESR4809	A4809 Deluxe Professional Metal Set.....		159.99
TESR5654	50654 Ultimate Airbrush Set With Compressor.....		159.99
TESR7778	A7778 Master Professional Metal Set.....		164.99

## Airbrushes Accessories

TESR0683	Moisture Trap Hose.....	✓	12.39
TESR3501	Propellant 10 oz.....		8.99
TESR5250	Airbrush Spray Booth.....		449.99
TESR5252	AC200 Compressor.....		289.99
TESR5256	AC500 Compressor.....		329.99
TESR5258	Mini Blue Compressor.....		99.99
TESR5303	Cleaning Station.....		24.99
TESR5337	Cleaning Station Filters.....	✓	10.99
TESR5265	General Purpose Acrylic Nozzle .40mm.....	✓	9.49
TESR5266	High Flow Acrylic Nozzle .50mm-White.....	✓	9.49
TESR5309	General Purpose Nozzle .40mm-Gray.....	✓	9.49
TESR5310	High Flow Nozzle .50mm-Turquoise.....	✓	9.49
TESR5312	Fine Line Nozzle .33mm-Tan.....	✓	9.49
TESR5315	Large Nozzle 1.02mm-Yellow.....	✓	9.49
TESR9342	Fine Nozzle .53mm Red.....	✓	9.49
TESR5330	28mm Siphon Cap and Bottle.....	✓	5.49
TESR5333	33mm Siphon Cap and Bottle.....	✓	5.89

## PAINT & ACCESSORIES



A4809



A470



A7778



50654



R/C Car Racing Finish is specially designed to adhere to Lexan. It's resistant to cracking, chipping, and impact damage. It is also highly flexible, making R/C Car Racing Finish the perfect paint for Lexan car and truck bodies.

**3oz. Sprays = \$5.69**

**2/3 oz. Bottle = \$4.09**

Bottle PACR3600	Outlaw Black	Bottle PACR3641	Chezoom Teal
Spray PACR3650		Spray N/A	
Bottle PACR3630	Metallic Black	Bottle N/A	Lime Ice
Spray PACR3680		Spray PACR0303	
Bottle N/A	Window Tint	Bottle N/A	Metallic Green
Spray PACR3694		Spray PACR3666	
Bottle N/A	Backing Black	Bottle PACR3608	Rally Green
Spray PACR0304		Spray PACR3658	
Bottle N/A	Cobalt Blue	Bottle N/A	Fluorescent Green
Spray PACR0300		Spray PACR3681	
Bottle PACR3602	Blue Streak	Bottle N/A	Aqua Wave
Spray PACR3652		Spray PACR0299	
Bottle N/A	Brilliant Blue	Bottle PACR3635	Bright Yellow
Spray PACR3686		Spray PACR3685	
Bottle PACR3643	True Blue Pearl	Bottle PACR3607	Daytona Yellow
Spray PACR3693		Spray PACR3657	
Bottle N/A	Fluorescent Blue	Bottle N/A	Fiery Orange
Spray PACR3682		Spray PACR0302	
Bottle PACR3615	Metallic Blue	Bottle PACR3634	Fluorescent Racing Yellow
Spray PACR3665		Spray PACR3684	
Bottle PACR3622	Candy Blue	Bottle PACR3629	Fluorescent Yellow
Spray PACR3672		Spray PACR3679	
Bottle PACR3642	Grape Pearl	Bottle N/A	Inca Gold
Spray PACR3692		Spray PACR0301	
Bottle PACR3611	Pearl Purple	Bottle PACR3620	Metal Flake Gold
Spray N/A		Spray N/A	
Bottle PACR3623	Candy Purple	Bottle N/A	Atomic Rust
Spray PACR3673		Spray PACR0295	
Bottle PACR3616	Metallic Burgundy	Bottle PACR3612	Indy Silver
Spray PACR3667		Spray PACR3662	
Bottle PACR3604	Racing Red	Bottle PACR3619	Metal Flake Silver
Spray PACR3654		Spray N/A	
Bottle PACR3621	Candy Red	Bottle PACR3601	Sprint White
Spray PACR3671		Spray PACR3651	
Bottle PACR3614	Metallic Red	Bottle PACR3626	Pearl White
Spray PACR3664		Spray PACR3676	
Bottle N/A	Bright Red	Bottle N/A	Fluorescent Covercoat
Spray PACR3687		Spray PACR3690	
Bottle PACR3633	Fluorescent Racing Red		
Spray N/A			
Bottle PACR3627	Fluorescent Red		
Spray PACR3677			
Bottle PACR3606	Competition Orange		
Spray PACR3656			
Bottle PACR3628	Fluorescent Orange		
Spray PACR3678			

## Flip-Flops

Bottle N/A	Galactic Purple
Spray PACR0296	
Bottle N/A	Kryptonite Gold
Spray PACR0297	
Bottle N/A	Purple Crush
Spray PACR0298	

PACR3618	Thinner 2/3 oz.....	\$4.09
PACR3625	Thinner 3-1/2 oz.....	7.59
PACR3631	Paint Thinner 1/2 Pint.....	10.59



## BUILD-IT™ CA GLUES

**CA the right way — from Tower Hobbies!**

The CA formulas you need to build strong, straight structures! All-purpose thin CA has the power to penetrate porous materials and create strong bonds instantly. Medium CA+ gives you 10-15 seconds to position parts perfectly, and a thicker formula for filling gaps and creating fillets. Super-thick

CA- stretches cure time out to 1-2 minutes, to provide maximum bonding strength in high-stress areas. But when you need sure cures quicker, reach for **Activator**. It sprays on and accelerates the cure time of any CA formula without reducing bond strength. Available in a pump spray, and a **Refill**. Ideal for clean-up, **Debonder** does the big job of dissolving CA glue, and reduces it to an easily disposed-of paste. All items (except 8-oz. Refill) available in 2-oz. bottles. Replace clogged Build-It CA caps with **CA Glue Replacement Tips**, sold singly.

Stock #	Description	Retail	Tower
TOWR3800	Build-It CA Thin Glue 2 oz.....	\$8.99	\$5.99
TOWR3801	Build-It CA+ Medium Glue 2 oz.....	8.99	5.99
TOWR3802	Build-It CA- Thick Glue 2 oz.....	8.99	5.99
TOWR3803	Build-It Debonder 2 oz.....	5.49	3.99
TOWR3804	Build-It Activator 2 oz. w/Pump.....	5.49	3.99
TOWR3805	Build-It Activator Refill 8 oz.....	8.99	5.99
TOWR3812	CA Glue Replacement Tip (1).....	.69	.65

## TOWER HOBBIES®

## BUILD-IT™ EPOXIES

■ Three formulas, plus Debonder and Activator!

■ 4 oz. set offers no-waste economy for ARF assembly.  
■ Squeeze-bottle application and storage ease.



ARFs require less time, less effort and less adhesive than kits — but the same bonding power. That's why Tower Hobbies offers economical 4-oz. sizes of its **6-Minute Epoxy** and **30-Minute Epoxy**. They include 2 oz. each of resin and hardener — and like Tower Hobbies 9 oz. sets, the soft plastic bottles are marked with measuring lines, for easy, no-waste mixing. Use what you need, recap — and the bottles are instantly ready for safe, stable storage. Ideal for use on wood or fiberglass parts, 6-Minute Epoxy cures to a clear, sandable, fuelproof bond in just six minutes. 30-Minute Epoxy works with the same materials, but cures more slowly — great for high-stress areas or applications requiring added repositioning time.

Stock #	Description	Retail	Tower
TOWR3806	6-Minute Epoxy 9 oz.....	\$9.99	\$7.99
TOWR3807	6-Minute Epoxy 4 oz.....	6.99	4.99
TOWR3810	30-Minute Epoxy 9 oz.....	9.99	7.99
TOWR3811	30-Minute Epoxy 4 oz.....	6.99	4.99



## PRO™ CA GLUE



### PRO CA

■ For fast, strong bonds — all bottles feature extra-long, clog-resistant applicator tips.

■ Available in thin (CA), medium (CA+), extra-thick (CA-), and Gel formulas.



### PRO FOAM-SAFE CA

■ In medium and thick formulas, safe for all "foamy" models including Great Planes FlatOuts.

■ Use with Pro Foam-Safe Aerosol Activator to speed cure times.



### PRO EPOXY

■ Choose from 6-Minute, 30-Minute, and 45-Minute formulas.

■ Cure quickly while providing incredible strength.

**The only glue good enough to be called "Great Planes."**

Stock #	Description	Retail	Tower
GPMR6001	Pro CA Glue Thin 1/2 oz.....	\$3.49	\$2.99
GPMR6002	Pro CA Glue Thin 1 oz.....	5.99	3.99
GPMR6003	Pro CA Glue Thin 2 oz.....	10.99	6.49
GPMR6004	Pro CA Glue Thin 4 oz.....	19.99	11.99
GPMR6007	Pro CA+ Glue Medium 1/2 oz.....	3.49	2.99
GPMR6008	Pro CA+ Glue Medium 1 oz.....	5.99	3.99
GPMR6009	Pro CA+ Glue Medium 2 oz.....	10.99	6.49
GPMR6010	Pro CA+ Glue Medium 4 oz.....	19.99	11.99
GPMR6013	Pro CA- Glue Thick 1/2 oz.....	3.49	2.99
GPMR6014	Pro CA- Glue Thick 1 oz.....	5.99	3.99
GPMR6015	Pro CA- Glue Thick 2 oz.....	10.99	6.49
GPMR6020	Pro CA Glue Gel 1 oz.....	5.99	3.99
GPMR6026	Pro CA Gift Pack 1 oz Each.....	27.55	17.99
GPMR6028	Replacement Tip 1/2 oz.....	.69	.59
GPMR6029	Replacement Tip 1 & 2 oz.....	.69	.59
GPMR6033	Pro CA Tips (5).....	1.19	1.09
GPMR6034	Pro CA Foam Safe Aerosol Activator 4 oz.....	7.99	5.99
GPMR6035	Pro CA Foam Safe Activator w/Pump 2 oz.....	5.99	4.49
GPMR6036	Pro CA Foam Safe Activator Refill 8 oz.....	9.99	6.99
GPMR6039	Pro CA Debonder 1 oz.....	3.79	2.99
GPMR6041	Glue-B-Gone 1/2 oz.....	7.99	5.99
GPMR6042	Pro Epoxy 6-Minute Formula 4 oz.....	7.99	5.99
GPMR6043	Pro Epoxy 30-Minute Formula 4 oz.....	7.99	5.99
GPMR6045	Pro Epoxy 6-Minute Formula 9 oz.....	11.99	8.99
GPMR6047	Pro Epoxy 30-Minute Formula 9 oz.....	11.99	8.99
GPMR6048	Pro Epoxy 45-Minute Formula 9 oz.....	11.99	8.99
GPMR6049	Pro Epoxy Finishing Resin 9 oz.....	11.99	9.49
GPMR6050	Epoxy Gift Pack.....	29.99	22.99
GPMR6060	Pro Threadlocker.....	2.99	2.89
GPMR6069	Pro Foam Safe CA+ Medium Glue 1 oz.....	9.99	7.99
GPMR6070	Pro Foam Safe CA+ Medium Glue 2 oz.....	17.99	13.99
GPMR6072	Pro Foam Safe CA- Thick Glue 1 oz.....	9.99	7.99
GPMR6073	Pro Foam Safe CA- Thick Glue 2 oz.....	17.99	13.99
GPMR6160	Pro Wood Glue 2 oz.....	1.79	1.70
GPMR6161	Pro Wood Glue 4 oz.....	2.49	2.39
GPMR6163	Pro Wood Glue 8 oz.....	3.99	3.49
GPMR8055	Epoxy Mixing Sticks (50).....	1.79	1.69
GPMR8056	Epoxy Mixing Cups (50).....	3.49	2.99
GPMR8060	Epoxy Brushes (6).....	1.59	1.39

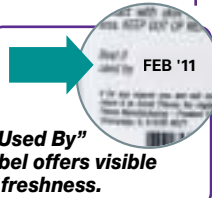


## PRO ACCESSORIES

■ Minimize mess with mixing cups, sticks, and 3/8" epoxy brushes.

■ One-ounce cups are graduated in standard and metric units for easy measuring.

■ Unique "Best If Used By" dated label offers visible proof of freshness.



For more information, see [www.towerhobbies.com](http://www.towerhobbies.com).

## J-B WELD EPOXIES

8265S



Made of a liquid steel/epoxy resin blend, versatile **J-B Weld** forms like putty, sands like wood, and machines like metal. It stays pliable for about 1/2 an hour, sets in 4-6 hours, and cures within 15-24 hours. Waterproof **Marine Weld** bonds to any surface, withstanding temperatures up to 600° F! Both are available in 1 fl. oz. tubes – J-B Weld is also available in a 0.2 fl. oz. **Mini One-Time Use** tube. Light-duty **J-B Kwik** cures in 4 minutes for fast, easy repairs. Steel-reinforced **J-B Stik** adhesive sealant works on wet or dry surfaces, setting in 5 minutes and curing in 1 hour. **J-B WaterWeld** cures underwater, permanently plugging and sealing leaks of all types.

		RETAIL	TOWER
JBWR8212	8212-S J-B Weld Mini One Time Use .....	4.15	3.99
JBWR8265	8265S J-B Weld 1 oz .....	7.19	6.99
JBWR8267	8267S J-B Stik 2 oz .....	7.59	7.29
JBWR8272	8272 J-B Marine Weld 1 oz .....	7.19	6.99
JBWR8276	8276 J-B Weld Kwik 1 oz .....	7.19	6.99
JBWR8277	8277 J-B Waterweld 1 oz .....	9.49	8.99

## PRO-LINE® PREMIUM BLEND CA GLUES

Amateurs and Factory Team drivers alike are always searching for the ultimate tire adhesive. Now, the search is officially over, thanks to the release of Pro-Line's Premium Blend CA! Designed to give you a lasting edge over the competition, its textured consistency helps create lasting bonds, while a user-friendly, clog-free tube makes it easy to apply. And if there is a spill, all formulas are easy to clean, regardless of the type of surface. Available in quick-setting **Thin** and **Medium** viscosities for all your tire mounting and R/C repair needs. Thin adheres in 5-10 seconds; medium in 15-20 seconds and thick bonds in just 25-30 seconds.



		RETAIL	TOWER
PROR6007	6005-01 Premium Blend CA Thin .7 oz .....	10.00	9.29
PROR6009	6005-02 Premium Blend CA Medium .7 oz .....	10.00	9.99

## SOFTWARE, BOOKS & VIDEOS

### DU-BRO® INSIDE R/C® DVDS

Watch the award-winning television show *Inside R/C* whenever you want! Krista Gibson hosts four action-packed, commercial-free episodes on each DVD. **Best of Airplanes** includes 90 minutes of exciting TOC, Top Gun and XFC Championship flying footage. **Monster Trucks** is 90 minutes of mud-flying fun, with T-Maxx® Freaks, Winter Super Pull and more!

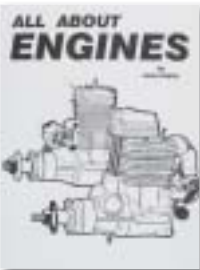


		RETAIL	TOWER
DUBZ3320	3320 Inside R/C Best Of Airplanes DVD .....	16.50	13.79
DUBZ3321	3321 Inside R/C Monster Trucks DVD .....	16.50	13.79

### HARRY HIGLEY'S ALL ABOUT ENGINES

- The up-to-date engine reference for all modelers.
- Covers operation, maintenance, tuning, trouble-shooting and more!

Learn how to operate your first engine correctly, or solve problems in an old favorite with this handy reference tool. Learn all aspects of 2-stroke, 4-stroke, glow, gas, and diesel engine operation, how to do valve jobs, teardown and 4-stroke maintenance and how to solve common (but hard-to-handle) problems like stripped screw holes, broken screws and more. More than one thousand helpful photographs included! 124 pages.



HIGZ042	BOK012 All About Engines Book .....	23.95	21.59
---------	-------------------------------------	-------	-------

### MILT R/C FLYING DVDS

MLTZ1004

In just 85 minutes, **How to Build and Fly R/C Planes** offers viewers help with every phase of modeling, including tool selection, applying covering and radio gear installation. Modeler Bill Fries supplies expert knowledge of trimming, basic flying, take-offs and landings. **Basic Flight** provides 35 minutes of set-up advice, field etiquette and landing skills. The 60-minute **How to Fly R/C Helicopters** program features basic building and flying techniques, hovering tips and more. Receive private lessons from World Champion Chip Hyde with the 55-minute **Aerobatics** DVD! Flying segments feature loops, rolls and hot-dogging, while a shop talk segment with master builder Merle Hyde offers advanced construction tips.



MLTZ1000	"How To" DVD: R/C Airplanes .....	32.99	28.99
MLTZ1001	"How To" DVD: R/C Helicopters .....	32.99	28.99
MLTZ1002	"How To" DVD: Basic Flight .....	32.99	28.99
MLTZ1004	"How To" DVD: Aerobatics .....	38.99	34.99

### MODEL AIRPLANE NEWS R/C ROCK CRAWLING ESSENTIALS

From the editors of R/C Car Action comes this exciting, informative guide that's sure to give your crawler a winning edge out on the rocks. It's packed with pro-tested tips on such topics as tire and wheel set-up, tuning and driving, batteries, electronics, essential spares and more! Heavy-coated paper protects it from messy oil and grease spills. Spiral-bound. 32 pages.



MANZ1024	1024 R/C Rock Crawling Essentials .....	17.95	16.59
----------	---	-------	-------

### MODEL AIRPLANE NEWS R/C ENGINE BOOKS

Flyers and drivers alike are sure to find something to rev their engines with these fact and picture-packed guides from Model Airplane News! **Ultimate Nitro Engine Guide** discusses the breakdown, parts and functions of a glow engine. Set-up and break-in tips from the experts ensure you get the most out of your nitro power plant. 202 pages. Paperback. **Airplane Engine Guide** is filled with info for beginners and experts alike on more than 50 types of engines. Photos, diagrams and step-by-step articles provide info on fuel systems, prop balancing, troubleshooting and more! 167 pages. Paperback.



1014

MANZ1014	1014 Ultimate Nitro Engine Guide .....	29.95	24.99
MANZ2031	2031 R/C Airplane Engine Guide .....	24.95	21.99

### MODEL AIRPLANE NEWS R/C FLIGHT BOOKS

2037

Take flying to the next level with these handy, helpful guides from Model Airplane News! **Radio Control Giant Scale** (2037) provides 161 pages of tips and tricks for 3D aerobats, giant ARFs, warbirds and more, while the **Ultimate R/C Flight Guide** (2029) features practical, proven techniques from the hobby's most respected experts. **The Basics of R/C Helis** (2034) is jam-packed with color photos and info on everything from the basics to successful aerobatics. **R/C Helicopter How-To's** (2039) includes over 80 tips on topics ranging from set-ups, radio tuning, engines, accessories and more!



MANZ2027	2027 R/C Plane Workshop Secrets .....	19.95	16.99
MANZ2029	2029 Ultimate R/C Flight Guide .....	29.95	24.99
MANZ2034	2034 The Basics Of R/C Helis .....	24.95	21.99
MANZ2037	2037 Radio Control Giant Scale .....	29.95	25.99
MANZ2039	2039 R/C Helicopter How To's .....	27.95	24.49
MANZ2610	2004 R/C Airplane Building Techniques .....	19.95	16.99
MANZ2630	2005 Covering R/C Airplanes #3 .....	17.95	14.99

### MAPLEGATE MEDIA TIPS & TRICKS BOOKS

Tips and tricks abound from the experts at R/C Driver and Fly R/C! Stay airborne with the **Fly R/C Tips, Tricks & Techniques** guide – it's loaded with simple solutions from master modelers! Sections show you how to get the most out of your electric flight system, as well as engine break-in and maintenance info and ways to improve performance. 79 pages. The **R/C Driver Tips & Tricks** guide is a must for every driver, with hints on tuning, painting and track essentials so that you get the most out of your vehicle. 82 pages.

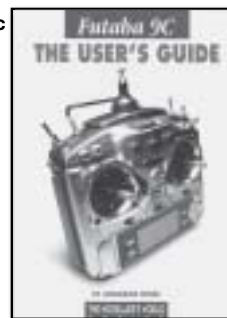


MPDZ0002

		RETAIL	TOWER
MPDZ0001	1 R/C Driver Tips & Tricks .....	17.95	13.49
MPDZ0002	2 Fly R/C Tips Tricks & Techniques .....	17.95	13.49

### TRAPLET PUBLICATIONS FUTABA® USER GUIDES

Get the most out of your Futaba radio with these informative user guides from author Annmarie Cross! Great for beginners and pro pilots alike, both show you how to easily execute complex moves with helis and giant scale aerobats, whether you have a **7C** or a **9C**. Basic layouts and set-ups are explained through actual screenshots, keystroke commands and easy-to-follow diagrams. Paperback. 7C: 161 pages; 9C: 152 pages.



F9C

TPNZ1007	F7C Futaba 7C The User's Guide .....	24.00	20.99
TPNZ1009	F9C Futaba 9C The User's Guide .....	24.00	20.99

### XXX MAIN TOURING CAR CHASSIS SETUP GUIDE

No exotic titanium or aluminum hop-up can ever replace knowledge. That's why XXX Main and author Martin Crisp have developed an informative guide that takes you through every step of setting up your touring car chassis. This comprehensive book includes everything from info on weight transfer to sway bars, one-ways, a quick summary guide and more. Paperback. 66 pages.



XXXZ0001	B001 Touring Car Chassis Setup Guide .....	19.99	18.59
----------	--	-------	-------



# INFORMATION & POLICY

## CREDIT CARD ORDERS

Tower Hobbies accepts **Discover**, **Visa**, and **MasterCard** as payment on orders shipping to anywhere in the world. Please provide your credit card billing address if different from the shipping address and daytime phone numbers. If the billing address or security code does not match that which is on file at the financial institution or if authorization is not given for any reason, we reserve the right to cancel the order without notification. We cannot work out credit card problems with the financial institution; you must settle problems with them and reorder once the problem is resolved. We do not assume any responsibility for bank fees incurred by using a Debit Card for your purchase and/or return credit.

## THIRD PARTY PAYMENT METHODS

When using a third party payment method such as Bill Me Later™ or PayPal®, you may be referred directly to them to resolve issues with your payment account. We reserve the right to only ship product to CONFIRMED addresses.

## OUR PERSONAL CHECK POLICY

We may hold your order for 10+ business days. For fastest service, please send a Postal money order, or use your credit card. Customers whose checks are returned to us because of non-sufficient funds will be charged \$25.00 for handling in addition to the amount of the check.

## PARENTAL VERIFICATION OF ORDERS

Unestablished customers under the age of 18 must have a parent or legal guardian present to verify any order placed by phone before an order will be processed. Also, our phone representatives may limit the length of calls.

## CANADIAN AND INTERNATIONAL ORDERS

Tower Hobbies ships all over the world! All payments must be in the form of US Currency. In most cases we offer USPS Priority Mail International or UPS World Wide Saver. UPS WW Saver is recommended for quick delivery and includes tracking. Most airplane kits too large to ship via USPS International may be shipped via UPS. Under no circumstances will we falsify invoices or shipping labels. Customer is responsible for any applicable taxes, duties or custom fees. You are responsible for following import regulations for your country. Inquiries regarding possible fees should be directed to your local authorities. Refused packages will affect your return credit. See Credits and Balance dues.

## YOUR TOWER HOBBIES CUSTOMER NUMBER

Your customer number can be found on your invoice or mailing labels and may resemble your last name. Please use the same customer number and name whenever you contact us. If you know you have created multiple customer numbers, please let us know. We will be happy to correct it. Only one account per household please.

## AD NUMBERS

Please also provide the number of the primary Tower Hobbies advertisement (the "ad number") from which you are ordering. This helps us choose the most effective methods of serving you. The ad number is a set of five numbers which may also include letters. Occasionally you may receive duplicate promotional offers. This is usually the result of providing us with multiple email or mailing addresses. Please specify only one promotional ad number per order. Some promotional offers are limited to one per customer.

## BACKORDERS

We backorder out-of-stock merchandise whenever possible unless you specify that you do not want an item backordered. Certain sale merchandise, products with uncertain availability, items priced under \$10.00 and discontinued items may not be backordered. We only charge our flat shipping charge *once per order* and will not charge you twice for orders containing backorders. Backorders shipped to international addresses or via "Express" shipping methods, will incur special shipping charges with each *shipment*. You may cancel your backorders at any time prior to the order invoicing. Backorders shipped at our expense will be shipped via the most economical shipper.

## PRICE AND/OR DESCRIPTION CHANGES

All prices, pictures and descriptions in this and all other Tower Hobbies publications are subject to change. Tower Hobbies maintains no responsibility for inadvertent errors.

## QUESTIONS OR CHANGES TO RECENTLY PLACED ORDERS

Since we begin processing your order immediately after receiving it, we cannot make changes or cancel the order once it is placed.

## CONTACTING TOWER HOBBIES

### VIA PHONE

#### TOLL FREE ORDER ONLY HOTLINE .....800-637-4989

Provides quick, efficient service when you have all stock numbers ready and do not require product assistance.

#### TOLL FREE ORDER ASSISTANCE LINE. 800-637-6050

For orders and other calls which may require assistance. Our Sales and Service Representatives will do their best to provide you with the product information you need. You will receive quicker service if you have all stock numbers ready.

#### NON-TOLL FREE ORDERING.....217-398-3636

For International customer use.

#### PHONE HOURS

Monday-Thursday	8:00 a.m.-9:00 p.m.
Friday	8:00 a.m.-7:00 p.m.
Saturday	9:00 a.m.-5:00 p.m.
Sunday	10:00 a.m.-6:00 p.m.

(All Times Central)

### VIA THE INTERNET

For products, information, sale items, special offers and interactive secure ordering 24 hours a day.

**www.towerhobbies.com**

## CREDITS AND BALANCE DUES

Some pre-approved returns that fall outside of policy may be limited to merchandise credit only or a restocking fee. Any credit not redeemed nor refunded within a one-year period will be assessed a service charge fee. Any outstanding balance dues will be applied to your next order. We cannot give credits for merchandise unless we have proof of receipt. Any charges Tower Hobbies incurs as a result of a refused shipment, will be adjusted from the return credit. We may not always be able to apply your credit to a PayPal order.

## RETURNING MERCHANDISE

**Complete instructions for returning merchandise are printed on the back of your Tower Hobbies invoice.** Please carefully read those instructions if you need to return an item. We will accept merchandise for return that was purchased from Tower Hobbies within 30 days of receipt. The merchandise must be in new and unused condition and in its original packaging. We do not accept returns via COD or any other collection method. Packages billing Tower Hobbies without authorization will result in actual shipping charges billed back to sender unless other prior arrangements were made. We do not reimburse for postage.

## CHARGE BACKS

When merchandise is purchased with a promotional discount based on the overall amount of the order, the discount may no longer apply once merchandise is returned. The result will be a charge back for the promotional discount. This can affect the credit given or be placed on your Tower Hobbies account as a balance due. If you have questions regarding the effect of your discount on your return, please call our Order Assistance line to inquire.

## DAMAGED RETURNS

Damaged merchandise includes items which have been damaged in shipping. If a shipment arrives at your door with apparent shipping damage, please refuse the delivery. If you have already accepted delivery and then find shipping damage, please call our Order Assistance line immediately. Save all packaging material and paperwork; *do not throw anything away!* If you attempt to return the merchandise yourself, you will jeopardize our chances of making a claim, and you may not receive credit for the return.

## DEFECTIVE RETURNS

If the item you wish to return is inoperable, but has no apparent damage, it is considered *defective*. The instructions on how to handle this type of return will vary, since some manufacturers insist on handling defects directly (See your owners manual). Defective merchandise may be returned to us as long as it is in new and unused condition.

Manufacturer defects found after the product has been used revert to the manufacturer's warranty and they will handle any problems for you directly. Please do not return used merchandise without authorization.

## RETURNS TO HOBBY SERVICES

**Hobby Services**, our authorized repair center, services products by the following manufacturers: Aquacraft™, Carl Goldberg™, Coverite™, DuraPlane™, DuraTrax™, Dynaflyte™, FlyZone™, Fuji-Imvac™ Engines (Fuji-Imvac is not related to the original Fuji Engines sold by MECOA), Futaba™, GloBee™, GMS™ Engines, Great Planes™, Heli-Max™, Hobbico™, Muchmore™ Racing, O'Donnell™ Manufacturing, O.S.™ Engines, Phoenix Models, Sanyo, Super Tigre™, Team Checkpoint™, Top Flite™, Tower Hobbies®, U.S. AirCore® and VSTank®. Should you find a defect in one of these products, or have an item that requires repair, please address your return to Hobby Services at the address below. We request that you not include orders for Tower Hobbies with them. If you expect that the repair costs will be covered under warranty, you MUST provide the required proof-of-purchase—in most cases, your Tower Hobbies invoice, or a photocopy. In the event that there may be charges not covered by warranty, be sure to indicate the method of payment you prefer. The basic repair service charge is \$40.00 per hour. All warranty items sent to Hobby Services will, at their option, either be repaired or replaced. Repairs and questions can be addressed to:

### Hobby Services

Suite 1

3002 N. Apollo Drive

Champaign, IL 61822

(217) 398-0007

## SHIPPING

Tower Hobbies uses a variety of shipment carriers. Since we charge flat rate shipping, we reserve the right to choose the carrier. Once the order has shipped, we must allow the carrier a reasonable time frame to deliver. Tower Hobbies and/or carrier reserve the right to request a signature for proof of delivery. We cannot demand a shipment carrier to leave a package. You may contact the carrier for instructions on available options. Once the package is successfully delivered, we are not responsible for theft or damage to the merchandise. When using a forwarding company, we are not responsible for lost or damaged merchandise after the forwarding company has accepted delivery. The forwarding company must report shipping damage for a claim to be filed. We are not responsible for delays in express delivery orders due to weather conditions and/or attempted deliveries. Export documentation will not be provided. Know who you are receiving a package for or forwarding a package to! If you accept a package that was purchased with a fraudulent credit card, you will be in possession of stolen merchandise. You may be responsible for any legal or collection action related to the shipment.

## LIMITS OF RESPONSIBILITY

We accept no responsibility for crash damage and/or loss of kits, engines, accessories, etc. incurred during operation of a radio-controlled model. In most cases it is very difficult or impossible to determine whether crash damage was actually due to radio equipment failure or to operator error. Also, we cannot be held responsible for any purchased components that are incorporated into radio systems or problems caused by incompatibility between radio components, parts, and repairs not completed by our service center, etc.

It is impossible to guarantee product compatibility for product recommendations. We provide information and suggestions to the best of our abilities based on the information available to us at the time. We are unable to guarantee successful outcomes.

All of the products we sell are intended for retail consumption by our customers and are not intended for resale. The Tower Hobbies Satisfaction Guarantee is not transferable. Any consequences arising out of the resale of merchandise purchased from Tower Hobbies is the responsibility of the seller, not Tower Hobbies. We reserve the right to limit quantities and discounts. Also, please note that most items we offer are intended for use in the USA. International radio frequency and electric current requirements are the responsibility of the buyer. Tower Hobbies cannot provide CE certification documentation.

If you intend to fly above 3000 feet contact your local flying club for special considerations. Additional policies may exist. Policies are not limited to those on this page. Call with any questions.

## WE WISH WE COULD HAVE YOU COME FOR A VISIT, BUT...

We're strictly a mail-order facility and regret that we are not able to handle walk-in orders, returns, tours, inquiries, etc.

## 237



# PRODUCT INDEX

<div><div>ADHESIVES</div><div><div>AKA.....129</div><div>Great Planes.....234</div><div>JB Weld.....235</div><div>Pacer.....229</div><div>Proline.....235</div><div>Tower Hobbies.....234</div></div><div><div>AIRBRUSHES</div><div><div>Badger.....231</div><div>Hobbico.....231</div><div>Iwata-Madea.....231</div><div>Paasche.....231</div><div>Tamiya.....231</div><div>Testors.....233</div></div></div><div><div>AIRPLANES - ELECTRIC</div><div><div>Dumas.....58</div><div>.....58</div></div></div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div></div></div></div></div></div>
---

## FLIGHT LINE & TRACK EQUIP. (CONT.)

AKA.....	129
Associated.....	216
Dubro.....	216,221
DuraTrax.....	116-117,134,204,209,218
Eagle Tree.....	216
EMS.....	216
Ernst.....	216
Futaba.....	182
GloBee.....	211
Golden Horizons.....	216
Great Planes.....	91,210
Heli-Max.....	211

**Hobbico®**



Pages: 188, 211-213

HPI.....	216
Integy.....	216
Midwest.....	216
Miller.....	217
MIP.....	207
Model Products.....	217
Muchmore Racing.....	118,128
O.S. Engines.....	217
O'Donnell.....	118,205,218
Ofna.....	217
Radio South.....	157,217
Ram.....	217,220
RC One.....	217
Robart.....	217
Robitronic.....	189
Sullivan.....	217
Top Flite.....	91
Tower Hobbies.....	181,214-215,219
Traxxas.....	217
Trinity.....	217
Upgrade RC.....	217
Venom Racing.....	123,208,217,220
Wildcat.....	123
Wing Tote.....	215
Woodworks.....	157


## FUEL & ACCESSORIES

Cool Power.....	219
Dave Brown.....	219
Davis Model Products.....	220
Dubro.....	221
DuraTrax.....	218
Fourmost.....	220
Fuji Imvac.....	218
Great Planes.....	218
Hobbico.....	218
HPI.....	216
Integy.....	220
Klotz.....	220
MDW.....	220
O'Donnell.....	218-219
Parma.....	220
Perry.....	220
Ram.....	220
Robart.....	220
Slimline.....	123,220
Sullivan.....	220
Tower Hobbies.....	219
Traxxas.....	113,220
Venom Racing.....	220
Wildcat.....	219

## GYROS

Futaba.....	186
Helimax.....	187

## HELICOPTERS & ACCESSORIES


<b>Heli-Max®</b>	
	
Pages: 65-68	
JCS Hobbies.....	69
MultiPlex.....	69
Pro-Line.....	69
Ram.....	69
Revel/Monogram.....	68

## HELICOPTERS & ACCESSORIES (CONT.)

Venom Racing.....	69,217
Wing Tote.....	215
<b>PAINT &amp; ACCESSORIES</b>	
Atlas Brush.....	231
Badger.....	231
Bob Dively.....	231
Dubro.....	231
Hobbico.....	231
Iwata-Madea.....	231
Microbrush.....	232
Paasche.....	232
Pactra.....	233
Parma.....	232
Robart.....	232
Safeworld.....	232
Spaz Stix.....	232
Tamiya.....	232
Testors.....	233
Top Flite.....	231

## PILOTS

**GREAT PLANES®**



Pages: 72


Century Jet.....	73
------------------	----

## PROPELLERS & ACCESSORIES

APC.....	94
Dave Brown.....	94
Dubro.....	94
Fox.....	94
Great Planes.....	91-92
GWS.....	94
Harry Higley's.....	94
Master Airscrew.....	81,93,95
Top Flite.....	91
Tru Turn.....	95
Wing Tote.....	215
Zinger.....	95

## RADIOS

**Futaba®**



Pages: 170-179

**Futaba®**



Pages: 182-187

Hittec.....	180
Tower Hobbies.....	169
<b>RADIO ACCESSORIES</b>	
Castle Creations.....	189
Dubro.....	74,189
EMS.....	189
Ernst.....	189
Great Planes.....	187
Harry Higley's.....	76
Helimax.....	187
Hittec.....	190-191
Hobbico.....	187-188,211-212
HPI.....	189
Integy.....	189
MultiPlex.....	59,189
Ofna.....	189
Parsons.....	189
Robitronic.....	189
Tower Hobbies.....	181
Traxxas.....	189
Upgrade RC.....	189
Wing Tote.....	215

## RETRACTS/LANDING GEAR

Century Jet.....	73
Dave Brown.....	73
Dubro.....	74-75
Ernst.....	73

## RETRACTS/LANDING GEAR (CONT.)

Fulfs.....	73
Goldberg.....	73
Great Planes.....	70,72
GWS.....	76
Hobbico.....	72
Ohio.....	76
Robart.....	34,76-77
Sullivan.....	78
Top Flite.....	78
Trexler.....	78
U.S. Aircore.....	78
Williams Brothers.....	78

## SERVO

Futaba.....	182-183
Great Planes.....	187
Hittec.....	190-191
HPI.....	189
MultiPlex.....	59,189

**TOWER HOBBIES®**



Page: 181

Traxxas.....	189
--------------	-----

## SOFTWARE, BOOKS & VIDEOS

Dubro.....	235
------------	-----

**GREAT PLANES® REAL FLIGHT®**



Pages: 4-5

Harry Higley's.....	235
Maplegate.....	235
Milt.....	235
Model Airplane News.....	235
Traplet Publications.....	235
XXX Main Racing.....	235

## SPEED CONTROLS

Associated.....	138
Castle Creations.....	84,137,139
DuraTrax.....	138
FlightPower.....	83
Great Planes.....	82
GWS.....	83
Helimax.....	82
HPI.....	138
Novak.....	140-141

**Super Tiger**



Page: 83

Tactic.....	83
Tamiya.....	138
Tekin.....	138
Traxxas.....	108,110-111,138
Venom Racing.....	138

## STARTERS

Associated.....	216
Dubro.....	216
DuraTrax.....	209
EMS.....	216
Golden Horizons.....	216
Great Planes.....	210
Helimax.....	211
Hobbico.....	212-213
HPI.....	216
Miller.....	217
Model Products.....	216
Ofna.....	217
Radio South.....	217
Ram.....	217
RC One.....	217
Sullivan.....	217
Tower Hobbies.....	101,215
Traxxas.....	217
Trinity.....	217
Venom Racing.....	217

## TANKS

Tamiya..... 107



Page: 100

**NAME THE PRODUCTS AND WIN CONTEST!**

# TOWER HOBBIES®

Turn to the inside front cover of this catalog and check out the large, Tower Hobbies logo across the two opening pages. Inside each letter of the logo, you'll find a picture of a popular R/C product. If you can correctly identify the **brand and name** of all twelve of the products shown, we'll put your name in a drawing to win one of these great prizes:

**First Prize:**  
Tower Hobbies®  
Nitro TOWER  
Terror™ RTR  
Retail \$479.99  
See page101.



**Second Prize:**  
Great Planes®  
Reactor™ Biipe  
GP/EP Sport 3D ARF  
Retail \$399.99  
See page 40.



**Third Prize:**  
Great Planes®  
RealFlight® G4.5™  
w/InterLink Plus  
Retail: \$299.99  
See page 4.



**Fourth Prizes:**  
\$10 Tower Hobbies®  
Gift Certificate  
(20 winners)

**TOWER HOBBIES®**  
**\$10.00**  
**Gift Certificate**

**HURRY!** We must receive your entry no later than March 31, 2010. Just write down the twelve letters in "TOWER HOBBIES" and identify each item by brand name and product on the back of a POSTCARD (note that the size of a particular model is not important). Entries in envelopes will not be accepted. Include your name, address and phone number and send it to:

**Tower Hobbies Name The Products Contest**  
**PO Box 9078**  
**Champaign, IL 61826-9078**

You can't win if you don't enter.  
So, send your entry in today!

**NO PURCHASE NECESSARY.** Enter via **POSTCARD** only. Enter as often as you like, only one entry per postcard. Limit one winner per household. Winners will be notified by mail around May 15, 2010. One prize per winner. Winners will be selected by random drawing from correct and qualifying entries. Odds of winning depend upon the number of entries received. Taxes are the responsibility of the winner. No substitutes or transfers. Not responsible for lost or misdirected mail. Contest open to all residents of the US, age 16 and over, except for employees of Tower Hobbies and its affiliated companies and their families. Prizes subject to availability. We reserve the right to substitute similarly valued prizes in the event of availability problems.



**Where every employee is also an owner.**



**SALES & SERVICE** Over 100 friendly and knowledgeable phone sales and service representatives plus up-to-the-minute computerized inventory and pricing information are just a free phone call away.



**ORDER PROCESSING** The staff in Order Processing takes pride in seeing that your orders are filled accurately and as quickly as possible.



**DATA PROCESSING** Data Processing programs and updates our two IBM AS/400 computers for better and faster service. With this much computing power, web pages load quickly and orders "zoom" out to our customers.



Tower Hobbies is 100% employee-owned — and 100% committed to continuing the Tower Hobbies traditions of superb customer service, large selection and low prices!



**MARKETING** Marketing is responsible for Tower Hobbies' web site, sales flyers, magazine ads and catalogs. Presenting only the best R/C items at their lowest possible prices is Marketing's highest priority.



**ADVERTISING** The creative teamwork of computer artists, photographers and copywriters turn words and pictures into exciting magazine ads, Tower Talks, Annual Catalogs, SpeedMarts, Web Pages and much more!



**WAREHOUSE** Tower Hobbies now maintains its huge inventory in two separate locations, Champaign, IL (see left) and Reno, NV totaling over 400,000 square feet of space! Between them, our customers have quick access to over 60,000 different products from more than 400 manufacturers! Constant coordination of the Receiving, Material Handling, Picking, and Packing departments keeps the shelves full, so your orders can be shipped in record time.



World's largest R/C Catalog awaits you on the internet at:

**www.towerhobbies.com**

R/C Shopping has never been so easy and fun!



## Why we're the best on the Web!

**Unbelievable product selection:** You can choose from over 60,000 products by your favorite manufacturers.

**Easy-To-Use:** Customers have told us that the Tower Hobbies web site is one of the easiest to use!

**Super Low Prices:** Tower Hobbies is well known for offering the modeler the best values in R/C. Find exactly what you want at low, low Tower Hobbies prices.

**Customer Information Center:** You can check the status of your account and track your order right from your own home or office!

**Safe and Secure:** Tower Hobbies utilizes state-of-art technology to protect your personal information, so you can shop with confidence.

**Serving Modelers Since 1971:** We've been satisfying R/C customers for over 39 years! We are the world's largest and finest R/C supplier and we have the experience and professionalism to serve all your R/C needs—just ask any of our over 300,000 customers!

## Never been on the web?

- ✓ Locate the icon for either Internet Explorer or Mozilla Firefox and double click on it. AOL users can simply click on the "Internet" icon at the top of the screen.
- ✓ Type "www.towerhobbies.com" (without the quotes) into the "Address" or "Location" box of your browser and press the Enter key.
- ✓ You will be transported to the world's largest and finest R/C web site almost instantly. Be sure to allow plenty of time to enjoy all of our different features and sections. You'll love the experience!



Available  
for online orders!  
**PayPal®**

- 1 Accessories Needed:** Provides a list of recommended items you'll need to complete your project.
- 2 Possible Substitutions:** Get a list of items that are similar to the one you have chosen.
- 3 Parts Listing:** Contains replacement and optional parts for the item chosen and allows you to order the items on that page.
- 4 Combos & Multiples:** Tower Hobbies offers a big selection of items already combined to make ordering fast and easy. With many of our products, you also have the option to build your own combos. Other products are also available in convenient multi-packs – buy in bulk and save!
- 5 Tech Notes:** Provides specifications, compatibility notes, features helpful information and more!
- 6 Search:** Search our huge product database by product name, description, manufacturer numbers or even stock numbers from our flyers, ads and catalog.
- 7 Buy Now:** When you click the BUY NOW button the item will be instantly placed in your shopping cart and give you your total automatically!
- 8 Wish List:** Shop for gifts the easy way! Let family and friends know what you want most by building your own wish list. You can also view the items your friends and family want most when they build their wish list. No more guessing!

**Two Tower Hobbies® distribution centers means better service for you!**



Champaign, IL

**Facilities in Illinois and Nevada increase delivery speed to our customers.**

Wherever you are in the U.S., there's a Tower Hobbies warehouse nearby to serve you fast! With two giant distribution centers located in Illinois and Nevada, you're sure to be within days of getting your orders.



Reno, NV

Orders Only 1-800-637-4989 • Order Assistance 1-800-637-6050

**www.towerhobbies.com**



**TOWER HOBBIES®**P.O. Box 9078  
Champaign, IL 61826-9078

Printed matter-USA

Presorted Standard  
U.S. POSTAGE  
PAID  
TOWER HOBBIES

## Great Deals!

Sign up on the web for our  
E-mail Newsletters and you'll never  
miss out on a great deal!

Request an  
**E-mail Newsletter**

**SAVE MONEY!** Get  
special offers via e-mail  
Enter your e-mail:

[www.towerhobbies.com](http://www.towerhobbies.com)

# Join the #1 Super Saver Club™



## Savings Guaranteed!

**FREE****SHIPPING**

on purchases of \$150 or more!  
Standard \$9.99 shipping & handling charge waived for our  
members on purchases of \$150 or more.

**Save  
\$9<sup>99</sup>**TOWER HOBBIES  
PRODUCT WARRANTY  
**Doubled!****\$33<sup>99</sup>**

Order Special Item—  
#DY2100 Start your  
membership now

USA & Canada  
Only

**\$62<sup>98</sup>**

Order Special Item—  
#DY2101 Sign up  
today!

2 Year  
Membership  
Fee

GUARANTEE: You will save more than the cost of your membership  
fee during your first year or Tower Hobbies will, upon request, issue  
you a merchandise credit for the difference.

## Exclusive Savings Opportunity!

Tower Hobbies® #1 Super Saver Club is an exciting and exclusive  
opportunity for you to share modeling information and save money  
like never before on your R/C purchases.

## Your Membership Includes:

- FREE standard shipping and handling on orders over \$150.
- Online access to the #1 Super Saver Club newsletter!
- Money-saving exclusive online Bonus Buys.
- Online Super Saver Coupons — A six-times-per-year bonus, with over 30 money-saving coupons.
- FREE 3-issue subscription to *Model Airplane News* or *R/C Car Action* or 2-issue subscription to *Backyard Flyer*.
- FREE extended (double) warranties on Tower Hobbies brand products purchased during the membership.
- Exclusive access to our web-based Scratch & Dent inventory!
- And much, much more!
- International memberships now available! (Benefits vary.)

## TOLL FREE ORDER LINES:

### Orders Only

Use this number for fastest service when  
you have a simple order with all stock  
numbers ready.

**800-637-4989**

Non Toll Free Order Line 217-398-3636

International customers may use this  
number to place orders with our order  
assistance staff.

**Toll Free FAX 800-637-7303**  
**Non Toll Free FAX 217-356-6608**  
(Sorry we can not respond via FAX.)

Charge your order to



### Order Assistance

Use this number for orders with basic  
product inquiries, questions about policy,  
or for help in placing orders.

**800-637-6050**

### Times to call

Monday through Thursday 8AM-9PM  
Friday 8AM-7PM Sunday 10AM-6PM  
Saturday 9AM-5PM (All Times Central)

**Tower Hobbies® is on the  
World Wide Web:**  
[www.towerhobbies.com](http://www.towerhobbies.com)

For faster service when ordering,  
be sure to use your Tower Hobbies  
customer number and the ad number  
shown on your address label above.

## A Super Saver Club Membership for International Customers

Now you can receive Super Saver benefits even if you don't live in the U.S. or Canada!  
Tower Hobbies invites our international customers to join the club and take advantage  
of special savings opportunities, extended warranties and more. The free magazine  
offer includes only one issue. The \$9.99 standard shipping and handling fee is waived  
for international customers with purchases of \$150 or more.